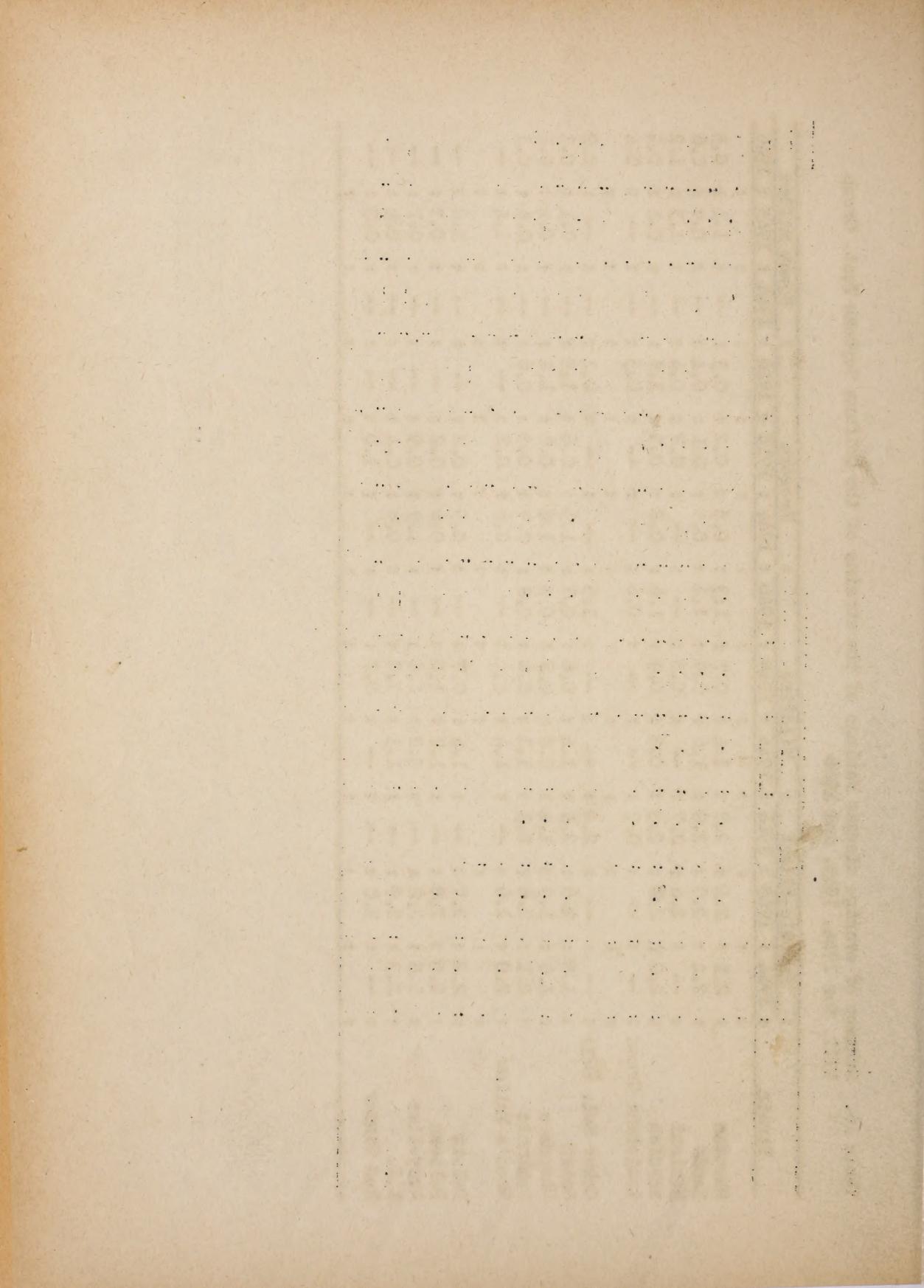


Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.



69 P
cop 1

LIBRARY
RECEIVED

★ JUL 31 1947 ★
U. S. DEPARTMENT OF AGRICULTURE
BELTSVILLE BRANCH

THE PLANT DISEASE REPORTER

Issued By



THE PLANT DISEASE SURVEY

Division of Mycology and Disease Survey

BUREAU OF PLANT INDUSTRY, SOILS, AND AGRICULTURAL ENGINEERING

AGRICULTURAL RESEARCH ADMINISTRATION

UNITED STATES DEPARTMENT OF AGRICULTURE

SUPPLEMENT 169

A HOST INDEX OF MISSISSIPPI PLANT DISEASES

Supplement 169

June 15, 1947



The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Division of Mycology and Disease Survey serves merely as an informational clearing house. It does not assume responsibility for the subject matter.

PLANT DISEASE REPORTER SUPPLEMENT

Issued by

THE PLANT DISEASE SURVEY
DIVISION OF MYCOLOGY AND DISEASE SURVEY

Plant Industry Station

Beltsville, Maryland

A HOST INDEX OF MISSISSIPPI PLANT DISEASES

J. T. Presley

Plant Disease Reporter
Supplement 169

June 15, 1947

INTRODUCTION

This compilation contains in the form of a host index all available information on the occurrence and distribution of the plant diseases so far recorded in Mississippi. By far the greater portion of the material here presented was taken from the collections made by Dr. L. E. Miles during his several years at Mississippi State College. It is hoped that bringing the material together in this form will make available to pathologists the greater portion of the valuable collection made by Dr. Miles. Additions to the collection have been made by former members of the Plant Pathology Staff at Mississippi State College, State Plant Board Inspectors, and the present Plant Pathology Staff. This is the first contribution toward a host index of plant diseases in Mississippi.

Arrangement of Indexes

The three sections of the publication are each arranged alphabetically.

1. A host index listing the host, together with all of the pathogens known to occur on it in Mississippi.
2. An index of pathogens, each with a list of the hosts upon which it has been reported in Mississippi.
3. An index of the common names of host plants taken from Standardized Plant Names, First Edition, 1923; Second Edition 1942; Illustrated Flora by Britton and Brown, 1913, Charles Scribner's Sons, New York; Plant Life of Alabama by Mohr, 1901, The Brown Printing Co., Montgomery, Alabama.

HOST INDEX

ABELIA

A. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Newton and Stone.

ACER

A. NEGUNDO L., Boxelder.

Cylindrosporium negundinis Ell. & Ev., Leaf Spot. Jackson.Haplosporella clintonii (Pk.) Pet. & Syd. Sharkey.

A. PLATANOIDES L., Norway Maple.

Taphrina cerasi (Fckl.) Sadebeck. Lee.

A. RUBRUM L., Red Maple.

Creonectria purpurea (L.) Seaver. Copiah.Cylindrosporium saccharinum Ell. & Ev., Leaf Spot. Prentiss.Hypoxyylon annulatum (Schw.) Mont. Wilkinson.Phyllosticta acericola Cke. & Ell., Leaf Spot. Harrison and Wayne.Phyllosticta minima (Berk. & Curt.) Ell. & Ev., Leaf Spot.

George and Wayne.

Rhytisma acerinum (Pers.) Fr., Tar Spot. Monroe, Panola, and Pearl River.Uncinula circinata Cke. & Pk., Powdery Mildew. Clarke.

A. SACCHARINUM L., Silver Maple.

Phyllosticta minima (Berk. & Curt.) Ell. & Ev., Leaf Spot. Hinds.Rhytisma acerinum (Pers.) Fr., Tar Spot. Lafayette.

A. SACCHARUM Marsh., Sugar Maple.

Phyllosticta acericola Cke. & Ell., Leaf Spot. Lafayette.Phyllosticta minima (Berk. & Curt.) Ell. & Ev., Leaf Spot. Lafayette.Septoria saccharina Ell. & Ev., Leaf Spot. Lafayette.

A. SP., Maple.

Massaria inquinans (Tode) Fr., Leaf Spot. Choctaw.

ACORUS

A. CALAMUS L., Sweetflag.

Uromyces pyriformis Cke., Rust. Grenada and Lafayette.

AESCRULUS

A. GLABRA Willd., Ohio Buckeye.

Phyllosticta paviae Desm., Leaf Spot. Choctaw.Phyllosticta sphaeropsoidea Ell. & Ev., Leaf Spot. Oktibbeha.Uncinula flexuosa Pk., Powdery mildew. Newton and Oktibbeha.

A. PAVIA L., Red Buckeye

Phyllosticta aesculii Ell. & Martin, Leaf Spot. Lowndes.

AGAVE

A. AMERICANA L., Centuryplant.

Colletotrichum agaves Cav., Anthracnose. Jackson.

AGRIMONIA

- A. EUPATORIA L., Common Agrimony.
Pucciniastrum agrimoniae (Schw.) Tranz., Rust. Choctaw and Grenada
- A. PARVIFLORA Soland., Many-flowered Agrimony.
Pucciniastrum agrimoniae (Schw.) Tranz., Rust. Lafayette and
 Pearl River

AGROSTEMIA

- A. GITHAGO L., Corncockle.
Marssonia delastrei (DeLac.) Sacc., Leaf Spot. Lauderdale.

AGROSTIS

- A. ALBA L., Red Top.
Puccinia graminis Pers., Rust. Oktibbeha.
- A. PERENNANS (Walt.) Tuckerm., Grass.
Acrospermum compressum Tode ex Fr., Leaf Spot. Simpson.
- A. SP.
Uromyces eragrostidis Tracy, Rust. Lowndes and Simpson.

AILANTHUS

- A. ALTISSIMA (Mill.) Swingle, Tree of Heaven.
Cytospora ailanthi Berk. & Curt. Jasper.

ALETRIS

- A. AUREA Walt., Stargrass
Puccinia aletridis Berk. & Curt., Rust. Jackson.

ALEURITES

- A. FORDII Hemsl., Tung-oil Tree.
Corticium stevensii Burt., Leaf Blight (Thread Blight).
Heterodera marioni (Cornu) Goodey, Root-knot. Pearl River.
Rhizoctonia microsclerotia Matz., Leaf Blight. Pearl River.

ALLIUM

- A. CANADENSE L., Meadow Garlic.
Heterosporium allii Ell. & Mart., Leaf Spot. Oktibbeha.
- A. CEPA L., Garden Onion.
Botrytis vulgaris (Pers.) Fr., Gray Mold. Pearl River.
Macrosporium parasiticum Thum. var. porri Ell. Harrison.
Macrosporium sarcinula B. var. parasiticum Thuem., Black Stalk
 Rot. Oktibbeha.
Peronospora schleideni Unger., Downy Mildew. Lamar.
- A. SP., Onion.
Macrosporium commune Rab. Hinds.

ALNUS

- A. INCANA (L.) Moench, Speckled Alder.
Taphrina alni-incanae (Kuehn) Magn., Catkin Disease. Harrison.
- A. RUGOSA (DuRoi) Spreng., Hazel Alder.
Diatrypella discoidea Cke. & Pk. var. alni Cke. Oktibbeha and Tallahatchie.
- Melanconis marginalis (Pk.) Wehmeyer, Twig Blight. Humphreys.
- Peniophora surantiaca Bres. Oktibbeha.
- Poria vaporaria (Pers.) Fr. Oktibbeha.
- A. SP.
Eutypella cerviculata (Fr.) Sacc. Webster.
Hypoxyylon fuscum (P.) Fr. Jefferson.
Stereum ochraceoflavum Schw. Lee.

ALOPECURUS

- A. AEQUALIS Sobol., Shortawn Foxtail
Fusicladium alopecuri Ell. & Ev. Oktibbeha.
- A. GENICULATUS L., Water Foxtail
Scolecotrichum graminis Fckl., Leaf Blotch. Oktibbeha and Sunflower.

ALTHAEA

- A. ROSEA (L.) Cav., Hollyhock
Cercospora althaeina Sacc., Leaf Spot. Hinds, Lauderdale, Monroe, and Yazoo.
- Puccinia heterospora Berk. & Curt., Rust. Forrest.
- Puccinia malvacearum Bert., Rust. Covington, Forrest, Hancock, and Jones.
- A. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Pearl River.

AMARANTHUS

- A. RETROFLEXUS L., Green Amaranth, Redroot.
Albugo bliti (Biv.) O. Kunze, White Rust. Jackson and Oktibbeha.

AMBROSIA

- A. ARTEMISIIFOLIA L., Common Ragweed
Albugo tragopogonis (Pers.) S. F. Gray, White Rust. Bolivar and Pearl River.
- Erysiphe cichoracearum DC., Powdery Mildew. Amite and Oktibbeha.
- Phyllachora ambrosiae (Schw.) Sacc., Leaf Spot. Marion and Oktibbeha.
- A. TRIFIDA L., Giant Ragweed.
Albugo tragopogonis (Pers.) S. F. Gray, White Rust. Oktibbeha.
- Erysiphe cichoracearum DC., Powdery Mildew. Clay.
- Sclerotium rolfsii Sacc., Southern Blight. Oktibbeha.
- Septoria bacilligera Wint., Leaf Spot. Adams.

AMELANCHIER

- A. CANADENSIS (L.) Medic., Juneberry
Gymnosporangium nidus-avis Thaxt., Rust. Marshall.

AMORPHA

- A. FRUTICOSA L., Indigobush Amorpha
Camarosporium amorphae Sacc. Sunflower.
Dilodia amorphae (Wallr.) Sacc. Issaqueena and Stone.
Uropyxis amorphae (Curt.) Schroet., Rust. Forrest and Monroe.

AMPHICARPA

- A. BRACTEATA, Southern Hogpeanut
Synchytrium decipiens Farl. Leake and Prentiss.
A. PITCHERI Torr. & Gr., Pitchers Hogpeanut.
Synchytrium decipiens Farl. Lafayette.

ANDROPOGON

- A. FURCATUS Muhl., Big Bluestem.
Cerebella andropogonis Ces., False Smut. Washington.
Puccinia andropogonis Schw., Rust. Oktibbeha.
Puccinia ellisiana Thuem., Rust. Hinds.
A. GLOMERATUS (Walt.) B.S.P., Bushy Bluestem.
Sorosporium consanguineum Ell. & Ev., Smut. Hancock.
A. MURICATUS Retz., Grass.
Didymella andropogonis Ell. & Ev., Leaf Spot. Monroe.
A. SCOPARIUS Michx., Little Bluestem.
Puccinia andropogonis Schw., Rust. Clarke and Oktibbeha.
Puccinia ellisiana Thuem., Rust. Oktibbeha.
Sorosporium ellisi Wint., Smut. Oktibbeha and Webster.
Sorosporium everhartii Ell. & Gall., Smut. Forrest.
Sphacelotheca ischaemi (Fckl.) Clint., Smut. Yalobusha.
A. VIRGINICUS L., Broomsedge.
Metasphearia infuscans Ell. & Ev. Tate.
Uromyces andropogonis Tracy, Rust. Clarke.
A. SP.
Stictis arundinaceae Pers. Yazoo.

ANEMONE

- A. CAROLINIANA Walt., Carolina Anemone.
Septoria anemones Desm., Leaf Spot. Oktibbeha.
A. VIRGINIANA L., Tall Anemone.
Phleospora anemones Ell. & Kell. Lafayette.
Puccinia anemones-virginianae Schw., Rust. Lafayette.
Septoria anemones Desm., Leaf Spot. Attala and Oktibbeha.

ANTHOXANTHUM

- A. ARISTATUM Boiss., Annual Vernalgrass.
Puccinia graminis Pers., Rust. Oktibbeha.

ANTIRRHINUM

- A. MAJUS L., Common Snapdragon.
Colletotrichum antirrhini Stewart, Anthracnose. Lauderdale.
Puccinia antirrhini Diet. & Holw., Rust. Wilkinson.
- A. SP., Snapdragon.
Heterodera marioni (Cornu) Goodey, Root-knot. Copiah, Lauderdale,
Lee, Monroe, and Washington.
Puccinia antirrhini Diet. & Holw., Rust. Copiah, Marion, and
Wilkinson.

APIUM

- A. GRAVEOLENS L., Celery
Cercospora apii Fr., Leaf Spot. Calhoun, Clay, and Winston.

APOCYNUM

- A. CANNABINUM L., Hemp Dogbane.
Phyllosticta apocyni Trel., Leaf Spot. Choctaw.
Septoria littorea Sacc., Leaf Spot. Pontotoc.

ARABIS

- A. VIRGINICA (L.) Trel., Rockcress.
Albugo candida (Pers. ex Lev.) O. Kunze, White Rust. Oktibbeha.

ARACHIS

- A. HYPOGAEA L., Peanut.
Cercospora personata (Berk. & Curt.) Ell., Leaf Spot. Attala,
Holmes, Jackson, Kemper, Oktibbeha, and Washington.
Sclerotium rolfsii Sacc., Southern Blight. Bolivar and Oktibbeha.

ARCTIUM

- A. MINUS Schk., Common Burdock.
Puccinia bardanae (Wallr.) Cda., Rust. Clarke.

ARISAEMA

- A. DRACONTIUM (L.) Schott, Dragonroot Jack-in-the-Pulpit.
Uromyces caladii (Schw.) Farl., Rust. Hinds and Wayne.

ARISTIDA

- A. PURPURASCENS Poir., Arrowfeather Threawn.
Hendersonula aristidae (S.) Ell. Lowndes.

ARRHENATHERUM

- A. ELATIUS (L.) Beauv., Tall Catgrass.
Ustilago perennans Rost., Smut. Attala and Rankin.
Ustilago segetum (Bull.) Dit., Loose Smut. Grenada and Lamar.

ARUNDINARIA

- A. TECTA (Walt.) Muhl., Small Cane.
Aplosporium montagnei (Duf. & Mont.) Sacc. Lee and Scott.
Belonium eustegiforme (Berk. & Curt.) Sacc. Sunflower.
Coniosporium arundinellae Ell. & Tracy. Benton and Pontotoc.
Diatrype consobrina Mont. Greene.
Meliola tenuis Berk. & Curt., Sooty Mold. Tunica.
Puccinia arundinariae Schw., Rust. Hinds.
Stictis helicotricha Ell. & Ev. Tunica.

- A. SP., Cane.
Eoiccocum simplex Berk. & Curt. Jones.

- A. SP.
Diatrype consobrina Mont. Pontotoc.
Hypoxylon perforatum (Schw.) Fr. Pike.

ASCLEPIAS

- A. INCARNATA L., Swamp Milkweed.
Cercospora clavata (Gerard) Pk., Leaf Spot. Washington.

- A. SYRIACA L., Common Milkweed.
Cercospora clavata (Gerard) Pk., Leaf Spot. Monroe.
Uromyces asclepiadis (Schw.) Cke., Rust. Lafayette.
Uromyces howei Pk., Rust. Lafayette.

ASCYRUM

- A. HYPERICOIDES L., St. Andrew's Cross.
Uromyces hyperici (Spreng.) Curt., Rust. Harrison.

- A. STANS Michx., Atlantic St. Peter's Wort.
Cladosporium gloeosporioides Atk. Pearl River.

ASIMINA

- A. TRILOBA (L.) Dunal., Common Pawpaw.
Phyllosticta asiminae Ell. & Kell., Leaf Spot. Oktibbeha.

ASPARAGUS

- A. OFFICINALIS L., Garden Asparagus.
Puccinia asparagi DC., Rust. Forrest and Tallahatchie.
A. SPRENGERI Regel., Sprenger Asparagus.
Cladosporium fasciculare (Pers.) Fr., Leaf Mold. Rankin.
A. VERTICILLATUS L., Asparagus.
Puccinia asparagi DC., Rust. Jefferson.

ASTER

- A. CORDIFOLIUS L., Common Blue Wood Aster.
Puccinia asteris Duby, Rust. Jackson.
Puccinia asterum Kern, Rust. Jackson and Oktibbeha.
Puccinia extensicola Plowr., Rust. Oktibbeha.

ASTER cont.

- A. SAGITTIFLIUS Willd., Arrowleaved Aster.
Coleosporium solidaginis (Schw.) Thuem., Rust. Oktibbeha.
- A. SP.
Rosenscheldia heliopsidis (Schw.) Theiss. & Syd. Yalobusha.

AUCUBA

- A. JAPONICA, Japanese Aucuba.
Phyllosticta aucubae Sacc. & Speg., Leaf Spot. Holmes.

AVENA

- A. SATIVA L., Common Oat.
Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose.
Claiborne.
Dicaeoma rhamni Ktze., Rust. Harrison.
Helminthosporium sp., Leaf Spot.
Pseudomonas avenae Manns. Oktibbeha.
Puccinia coronata Cda., Crown Rust. Attala, Grenada, Harrison,
Jackson, and Yazoo.
Puccinia graminis avenae Eriks. & Henn., Stem Rust. Claiborne.
Sclerospore macrospora Sacc., Downy Mildew. Sunflower.
Ustilago avenae (Pers.) Jens., Loose Smut. George, Hinds, Holmes,
Humphreys, Issaquena, Madison, Oktibbeha, Panola, Rankin,
Sharkey, Simpson, Warren, and Washington.
Ustilago levis (Kell. & Swing.) Mag., Loose Smut. Jasper,
Newton, and Panola.
Ustilago segetum (Bull.) Dit., Loose Smut. Jefferson Davis.

AXONOPUS

- A. COMPRESSUS (Swartz) Beauv., Carpet Grass.
Physarum cinereum (Batsch) Pers., Slime Mold.
- A. SP., Carpet Grass.
Cerebella andropogonis Ces., False Smut. Wilkinson.

BEGONIA

- B. SP., Begonia.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn., Crown Gall.
Warren.

BERCHEMIA

- B. SCANDENS (Hill) Trelease, Rattan-vine
Puccinia coronata Cda., Crown Rust. Oktibbeha.

BETA

- B. VULGARIS L., Beet.
Cercospora beticola Sacc., Leaf Spot. Lee, Lincoln, Monroe, and
Oktibbeha.
Heterodera marionii (Cornu) Goodey, Root-knot. DeSoto, Monroe,
and Panola.

BETULA

- B. LENTA L., Sweet Birch.
Asterosporium betulinum Pk. Rankin.
Creonectria purpurea (L.) Seaver. Harrison.
Diatrypella betulina Pk. Sharkey.
Melanconis stilbostoma (Fr.) Tul., Twig Blight. Pontotoc.

- E. SP., Birch.
Melanconium bicolor Nees ex Fr., Canker. Tunica.

BIDENS

- B. FRONDOSA L., Beggarticks.
Cercospora umbrata Ell. & Holw., Leaf Spot. Lafayette.
Sphaerotheca humili (DC.) Burr., Powdery Mildew. Neshoba.

BIGNOMIA

- B. CAPREOLATA L., Crossvine.
Cercospora capreolata Ell. & Ev., Leaf Spot. Oktibbeha.
Meliola bidentata Cke., Sooty Mold. Pearl River.

BOUTELOUA

- B. CURTIPENDULA (Michx.) Torr.; Sideoats Grama.
Puccinia vexans Farl., Rust. Webster.

BRASSICA

- B. NIGRA (L.) Koch, Black Mustard.
Albugo candida (Pers. ex Lév.) O. Kunze, White Rust. Hinds,
Jefferson, and Leflore.
Macrosporium herculeum Ell. & Martin, Leaf Spot. Stone.
- B. OLERACEA var. CAPITATA L., Cabbage.
Alternaria brassicae (Berk.) Sacc., Leaf Spot.
Cercospora bloxami Berk. & Br., Leaf Spot. George.
Heterodera marioni (Cornu) Goodey, Root-knot. Choctaw, Copiah,
Hancock, Harrison, Jackson, Lauderdale, Lincoln, Monroe,
Noxubee, Oktibbeha, Rankin, Tate, Walthall, Webster, and
Winston.
Peronospora parasitica (Pers.) DBy., Downy Mildew. Adams,
Lauderdale, and Walthall.
Phoma lingam (Tode) Desm., Black Leg. Bolivar and Oktibbeha.

- B. RAPA L., Turnip.
Alternaria herculea (Ell. & Mart.) J. A. Elliott, Leaf Spot.
Clarke.
Cercostorella albo-maculans (Ell. & Ev.) Sacc., Leaf Spot.
George, Jones, and Pearl River.
Colletotrichum higginsianum Sacc., Leaf Spot. Calhoun, Harrison,
Jones, Lauderdale, Oktibbeha, and Stone.
Cylindrosporium brassicae Fautr. & Roum., Leaf Spot. Attala.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Choctaw,
Holmes, Jones, and Monroe.
Peronospora parasitica (Pers.) DBy., Downy Mildew. Lowndes.

BROMUS

B. SECALINUS L., Chess Brome.

Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose.

Coahoma.

Phoma graminella Sacc. Yalobusha.

BUMELIA

B. LYCIOIDES (L.) Pers., Southern Buckthorn.

Phyllosticta bumeliae Underw. & Earle, Leaf Spot. Oktibbeha.

Septoria bumeliae Sacc., Leaf Spot. George, Harrison, and Jackson.

BURSA

B. BURSA-PASTORIS (L.) Britton, Shepherds-Purse.

Albugo candida (Pers. ex Lev.) C. Kunze, White Rust. Oktibbeha.

BUXUS

B. SEMPERVIRENS L., Common Box

Laestadia buxi (Desm.) Sacc. Alcorn and Marshall.

Macrophoma candellei (Berk. & Br.) Berl. & Vogl., Leaf Blight.

Alcorn, Coahoma, Hinris, Oktibbeha, and Pike.

Verticillium buxi (Lk.) Auersw. & Fleisch., Wilt. Alcorn.

B. SP., Box.

Heterodera marioni (Cornu) Goodey, Root-knot. Greene and Harrison.

Macrophoma candellei (Berk. & Br.) Berl. & Vogl., Leaf Blight. Yazoo and Jones.

Nectria rousselliana Tul., Canker. Leflore.

CACALIA

C. ATRIPLOCIFOLIA L., Pale Indian Plantain

Septoria cacaliae Ell. & Kell., Leaf Spot. Choctaw.

C. TUBEROSA Nutt., Indian Plantain.

Septoria cacaliae Ell. & Kell., Leaf Spot. Clarke.

CACTUS

C. SP.

Gloeosporium cactorum Ston., Anthracnose. Forrest and Holmes.

Heterodera marioni (Cornu) Goodey, Root-knot. Holmes.

CALADIUM

C. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Hinds.

CALAMOVILIA

C. LONGIFOLIA (Hook.) Scribn., Prairie Sandreed.

Puccinia amphigena Diet., Rust. Oktibbeha.

CALLICARPA

- C. AMERICANA L., American Beautyberry.
Cercospora callicarpae Cke., Leaf Spot. Copiah.
Diatrype callicarpae Berk. & Rav. Holmes.

CALLISTEPHUS

- C. CHINENSIS (L.) Nees, Common China-Aster.
Fusarium oxysporum f. conglutinans (W.) Snyder & Hansen, Yellows.
 Yazoc.

CAMELLIA

- C. JAPONICA L., Common Camellia.
Colletotrichum camelliae Mass. Hancock, Harrison, Pearl River,
 and Pike.
Colletotrichum sp., Anthracnose. Hancock and Jones.
Glomerella cingulata (Stonem.) Spauld. & Schrenk., Anthracnose.
 Jones.
Monochaetia camelliae Miles, Leaf Spot. Lowndes and Pike.
Pestalozzia guepini Desm., Leaf Spot. Adams and Tishomingo.
Phyllosticta sp., Leaf Spot. Harrison.
- C. SP.
Gloeosporium sp., Leaf Spot. Jones.

CAMPANULA

- C. AMERICANA L., Tall Bellflower.
Coleosporium campanulae (Pers.) Lév., Rust. Calhoun.
Septoria campanulae (Lév.) Sacc., Leaf Spot. Chickasaw.

CAMPsis

- C. RADICANS Seem., Common Trumpetcreeper.
Cercospora sordida Sacc., Leaf Spot. Lowndes, Cktibbeha, and
 Washington.

CAPSICUM

- C. ANNUUM L., Pepper
Bacterium vesicatorium Doidge, Leaf Spot.
Cercospora capsici Heald & Wolf, Leaf Spot.
Fusarium annuum Leon., Wilt.
Sclerotium rolfsii Sacc., Southern Blight. Stone.
- C. SP., Pepper.
Cercospora capsici Heald & Wolf, Leaf Spot. Pearl River and
 Stone.
Gloeosporium piperatum Ell. & Ev., Pod Rot, Anthracnose. Stone.
Glomerella piperata (Stonem.) Spauld & Schrenk. Pearl River.
Heterodera marioni (Cornu) Goodey, Root-knot. Harrison, Holmes,
 Humphreys, Jasper, Lauderdale, Leake, Leflore, Stone, Sun-
 flower, Walthall, and Washington.
Sclerotium rolfsii Sacc., Southern Blight. Stone.

CAREX

- C. CHEROKEENSIS Schwein., Cherokee Sedge.
Volutella caricicola Miles. Oktibbeha.
- C. COMPLANATA Torr., Hirsute Sedge.
Uromyces minutus Diet., Rust. Holmes.
- C. FRANKII Kunth., Frank's Sedge.
Puccinia bolleyana Sacc., Rust. Oktibbeha.
- C. MUHLENBERGII Schk., Muhlenberg's Sedge.
Puccinia asterum Kern., Rust. Choctaw.
Puccinia extensicola Plowr., Rust. Choctaw.
- C. SP., Sedge.
Puccinia ludibunda Ell. & Ev., Rust. Yalobusha.
- C. SP.
Puccinia asterum Kern., Rust. Harrison.
Puccinia extensicola Plowr., Rust. Harrison and Yalobusha.
Puccinia extensicola asteris (Thüm.) Arth., Rust. Harrison.
Puccinia minuta Diet., Rust. Lafayette.
Septoria riparia Pass., Leaf Spot. Oktibbeha.

CARPINUS

- C. CAROLINIANA Walt., American Hornbeam.
Periophora cinerea (P. ex Fr.) Cke. Yazoo.
- C. SP.
Hypoxylon subchlorinum Ell. & Calk. Rankin.

CARYA

- C. ALBA(L.) K. Koch, Mockernut Hickory.
Microstroma juglandis (Ber.) Sacc., Leaf Spot. Oktibbeha.
- C. CORDIFOLIA (Wang.) K. Koch, Bitternut Hickory.
Clasterosporium uncinatum Clint. Bolivar.
- C. ILLINOENSIS (Wang.) K. Koch, Pecan.
Cercospora fusca Rand, Leaf Spot. Clarke, Coahoma, Jackson,
and Leflore..
Cladosporium effusum (Wint.) Dem., Scab.
Fusicladium effusum Wint., Scab. Clarke, Humphreys, Jackson,
Lamar, and Stone.
Gnomonia nerviseda Cole, Vein Spot. Oktibbeha.
Gnomonia setacea (P.) Ces. & DeN., Leaf Spot. Tishomingo.
Myriangium tuberculans Miles. Clarke, Hinds, Jackson, Lamar,
and Marion.
Phyllosticta caryae Pk., Leaf Spot. Jones.
Polyporus hemileucus B. & C. Grenada.
Sentobasidium retiforme (Berk. & Curt.) Pat., Canker. Stone.

CARYA--continued

C. SP.

- Cercospora fusca Rand., Leaf Spot. Lafayette.
Diatrypella hysterioides Ell. & Ev. Webster.
Thelephora retiformis Berk. & Curt. Yazoo.
Tryblidium insculptum Cke. Humphreys.
Valsa deusta Ell. & Ev. Lauderdale.

CASSIA

C. MARILANDICA L., American Senna.

Cercospora chamaecristae Ell. & Kell., Leaf Spot. Pearl River and Union.

Cercospora simulata Ell. & Ev., Leaf Spot. Pearl River.

C. OCCIDENTALIS L., Coffee Senna.

Cercospora occidentalis Cke., Leaf Spot. Coahoma.

Cercospora sphaeroidea Speg., Leaf Spot. Coahoma.

C. TORA L., Low Senna.

Cercospora nigricans Cke., Leaf Spot. Tippah.

CASTANEA

C. DENTATA(Marsh.) Borkh., American Chestnut.

Endothia parasitica (Murr.) P. J. & H. W. Anderson, Blight.
Tishomingo.

Leptothyrium castanicolum Ell. & Ev. Harrison.

C. SP.

Endothia parasitica (Murr.) P. J. & H. W. Anderson, Blight.
Harrison.

CATALPA

C. BIGNONIOLIDES Walt., Southern Catalpa.

Macrosporium catalpae Ell. & Mart. Leflore and Noxubee.

C. SPECIOSA Warder, Northern Catalpa.

Microsphaera elevata Burr., Powdery Mildew. Marion.

Phyllosticta catalpae Ell. & Martin, Leaf Spot. Clay, George, and Jones.

CAULOPHYLLUM

C. THALICTROIDES (L.) Michx., Blue Cohosh.

Cercospora caulophylli Pk., Leaf Spot. Lafayette.

CEANOTHUS

C. AMERICANUS L., New Jersey Tea Ceanothus.

Phyllosticta ceanothi Miles, Leaf Spot. Marion.

CELASTRUS

- C. SCANDENS L., Climbing Bittersweet.
Cercospora melanochaeta Ell. & Ev., Leaf Spot. Bolivar.
Ramularia celastri Ell. & Martin, Leaf Spot. Attala, Lafayette,
and Tunica.

CELOSIA

- C. SP., Cockscomb.
Heterodera marioni (Cornu) Goodey, Root-knot. Jasper.

CELTIS

- C. MISSISSIPPIENSIS Bosc., Southern Hackberry.
Uncinula polychaete Berk. & Curt., Powdery Mildew. Benton.
C. OCCIDENTALIS L., Common Hackberry.
Uncinula parvula Cke. & Pk., Powdery Mildew. Clay.
C. SP.
Eutypella stellulata (Fr.) Sacc. Quitman.

CEPHALANTHUS

- C. OCCIDENTALIS L., Button Bush.
Cercospora cephalanthi Ell. & Kell. Jefferson Davis.

CERASTIUM

- C. VISCOsum L., Mouse-ear Chickweed.
Peronospora alsinearum Casp., Downy Mildew. Oktibbeha.
Septoria cerasti Rob. & Desm., Leaf Spot. Hinds and Oktibbeha.
C. VULGATUM L., Large Mouse-ear Chickweed.
Isariopsis alborosella (Desm.) Sacc. Tallahatchie.
Septoria cerasti Rob. & Desm., Leaf Spot. Oktibbeha.

CERCIS

- C. CANADENSIS L., Redbud.
Cercospora cercidicola Ell., Leaf Spot. Adams, Bolivar,
Montgomery, and Newton.

CHAENOMELES

- C. LAGENARIA (Lois.) Koidz., Common Flowering Quince.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. George.

CHAEROPHYLLUM

- C. PROCUMBENS (L.) Crantz., Spreading Chervil.
Puccinia pimpinellae (Strauss) Mart., Rust. Holmes.

CHAMAECRISTA

- C. MULTIPINNATA (Poll.) Greene, Manyleaved Sensitive Pea.
Ravenelia cassiaecola Atk., Rust. Oktibbeha.

CHELONE

- C. GLABRA L., Snake-head.
Erysiphe galeopsidis DC., Powdery Mildew. Monroe.

CHENOPodium

- C. ALBUM L., Lambsquarters Goosefoot.
Peronospora effusa (Grev.) Rab., Downy Mildew. Stone.
C. AMBROSIOIDES L., Mexican-Tea.
Cercospora anthelmintica Atk., Leaf Spot. Stone.
Phyllosticta ambrosioidis Thuem., Leaf Spot. Oktibbeha.

CHLORIS

- C. SWARTZIANA Doell., Swartz's Chloris.
Cercospora caespitosa Ell. & Ev., Leaf Spot. Monroe.

CHRYSANTHEMUM

- C. SP.
Cylindrosporium chrysanthemi Ell. & Dearn., Leaf Spot. Coahoma.
Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Tate, and Yazoo.
Puccinia chrysanthemi Roze, Rust. Marion.
Septoria chrysanthemella Sacc., Leaf Spot. Alcorn, Hinds, Jasper, Lauderdale, Tippah, and Washington.

CICUTA

- C. MACULATA L., Spotted Waterhemlock.
Puccinia cicutae Lasch., Rust. Holmes.

CINNAMOMUM

- C. CAMPHORA (L.) Nees & Eberm., Camphor-Tree.
Diplodia camphorae Tassi, Canker. Jackson.
Gloeosporium camphorae Sacc., Leaf Spot. Forrest and Harrison.

CIRCAEA

- C. LUTETIANA L., Enchanter's Nightshade.
Puccinia circaeae Pers., Rust. Calhoun.

CIRSIUM

- C. ARVENSE (L.) Scop., Canada Thistle.
Septoria cirsii Niessl, Leaf Spot. Tishomingo.
C. LANCEOLATUM (L.) Hill., Common Bur Thistle.
Puccinia cnici H. Mart., Rust. Oktibbeha.

CITRULLUS

- C. VULGARIS Schrad., Watermelon.
Cercospora citrullina Cke., Leaf Spot. Webster.
Colletotrichum lagenarium (Pass.) Ell. & Halst., Anthracnose.
Jackson, Lee, and Newton.

CITRULLUS--cont.

C. VULGARIS--cont.

- Fusarium bulbigenum var. niveum (E. F. Sm.) Wollenweber, Wilt.
Fusarium oxysporum f. niveum (E. F. Sm.) Snyder & Hansen, Wilt.
 Practically state-wide.
Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale.

CITRUS

C. AURANTIUM L., Sour Orange.

Capnodium citri Berk. & Desm. Jackson.

Cladosporium citri Mass., Scab. Wayne.

Cladosporium herbarium (Pers.) ex Lk. var. citricola Fawc. & Burger, Jackson.

Colletotrichum gloeosporioides Penz., Wither Tip. Jackson.

Sporotrichum citri Butl., Scab. Jones and Pearl River.

C. GRANDIS, Pummelo.

Colletotrichum gloeosporioides Penz., Wither Tip. Jackson.

Sporotrichum citri Butl., Scab. Lamar.

C. NOBILIS Lour, King Orange.

Colletotrichum gloeosporioides Penz., Wither Tip. Forrest and Jackson.

Pestalozzia quepini Desm., Leaf Spot. Jackson.

C. NOBILIS Lour var. UNSHIU Swingle, Satsuma Orange.

Capnodium citri Berk. & Desm., Sooty Mold.

Cercospora aurantia Heald & Wolf, Leaf Spot. Stone.

Cladosporium citri Mass., Scab. Harrison and Jackson.

Colletotrichum gloeosporioides Penz., Wither Tip. Harrison and Jackson.

Sphaceloma fawcettii A. E. Jenkins, Scab.

C. RETICULATA, Tangerine.

Cladosporium citri Mass., Scab. Jackson.

C. SINENSIS P., Sweet Orange.

Cladosporium citri Mass., Scab. Harrison.

C. SP., Grapefruit.

Colletotrichum gloeosporioides Penz., Wither Tip. George.

Phomopsis citri Fawc., Melanose Stem End Rot. Harrison and Jackson.

Pseudomonas citri Hasse, Citrus Canker. Jackson.

C. SP.

Cladosporium citri Mass., Scab. George, Jackson, and Pearl River.

Colletotrichum gloeosporioides Penz., Wither Tip. George.

Myriangium duriaeae Mont. & Berk. Jackson.

Sertobasidium pseudopedicellatum Burt, Girdle and Canker. Jackson.

CLAYTONIA

- C. VIRGINICA L., Spring Beauty.
Allodus claytoniata Arth. Oktibbeha.
Puccinia mariæ-wilsoni G. W. Clint., Rust. Oktibbeha.

CLEMATIS

- C. VIRGINIANA L., Virgin's Bower.
Ascochyta clematidina Thuem., Stem Rot and Leaf Spot. George.
Cylindrosporium clematidis Ell. & Ev., Leaf Spot. Jones and Noxubee.

COMANDRA

- C. UMBELLATA (L.) Nutt., Common Comandra.
Cronartium comandrae Pk., Rust. Lafayette.

CONVOLVULUS

- C. SEPIUM L., Hedge Bindweed.
Puccinia convolvuli (Pers.) Cast., Rust. Jones, Stone, and Tunica.
Septoria flagellaris Ell. & Ev., Leaf Spot. Marion.

COREOPSIS

- C. SP.
Cercospora sp., Leaf Spot. Oktibbeha.

CORNUS

- C. ALTERNIFCLIA L. f., Pagoda Dogwood.
Zythia aurantiaca (Peck) Sacc. George.
C. AMOMUM Mill., Swamp Dogwood.
Septoria cornicola Desm., Leaf Spot. Oktibbeha.
C. SP., Dogwood.
Cytospora cornui West. Yalobusha.
C. SP.
Glomerularia corni Pk., Anthracnose. Bolivar.
Meliola nidulans (Schw.) Cke., Sooty Mold. Forrest.
Septoria cornicola Desm., Leaf Spot. Quitman.

COTONEASTER

- C. SP.
Phyllosticta cydoniae (Desm.) Sacc., Leaf Spot. Coahoma.

CRATAEGUS

- C. CCCCINEA L., Red Haw.
Gymnosporangium globosum Farl., Rust. Oktibbeha.
Podosphaera oxycanthae (DC.) DBy., Powdery Mildew. Bolivar.

CRATAEGUS--cont.

- C. CRUS-GALLI L., Cockspur Thorn.
Gymnosporangium clavipes Cke. & Pk., Rust. Oktibbeha.
Gymnosporangium trachysorum Kern., Rust. Oktibbeha.
Podosphaera oxyacanthae (DC.) DBy., Powdery Mildew. Hancock.
- C. MARSHALLII Eggl., Parsley Haw.
Gymnosporangium trachysorum Kern., Rust. George.
- C. MOLLIS (T. & G.) Scheele, Downy Hawthorn
Discosia artocreas Tode ex Fr., Leaf Spot. Oktibbeha.
Myriangium tuberculans Miles. Oktibbeha.
Septobasidium pedicillatum (Schw.) Pat., Canker. Oktibbeha.
- C. SPATHULATA Michx., Small-fruited Thorn or Haw.
Gymnosporangium floriforme Thaxt., Rust. Oktibbeha.
- C. SUBMOLLIS Sargent, Emerson's Thorn.
Gymnosporangium globosum Farl., Rust. Oktibbeha.
- C. SP., Crabapple.
Gymnosporangium globosum Farl., Rust.
- C. SP., Hawthorn.
Gymnosporangium clavipes Cke. & Pk., Rust. Oktibbeha.
Gymnosporangium globosum Farl., Rust. Forrest and Oktibbeha.
- C. SP., Mayhaw.
Gymnosporangium globosum Farl., Rust.
- C. SP.
Entomosporium thuemenii (Cke.) Sacc. Lafayette.
Gymnosporangium clavipes Cke. & Pk., Rust. Lowndes and Oktibbeha.

CROTALARIA

- C. INTERMEDIA Kotschy, Crotalaria.
Fusarium bulbigenum var. tracheiphilum.
- C. SPECTABILIS Roth, Showy Crotalaria.
Cercospora sp., Leaf Spot. Oktibbeha.
Corticium vagum Berk. & Curt., Basal Stem Canker.
Oidium erysiphoides Fr. var. crotalariae Ciferri & Fragoso.

CROTON

- C. CAPITATUS Michx., Wooly Croton.
Bubakia crotonis (Cke.) Arth., Rust. Oktibbeha.
Phakopsora crotonis Arth., Rust. Oktibbeha.
- C. MONANTHOGYNUS Michx., Single-fruited Croton
Bubakia crotonis (Cke.) Arth., Rust. Oktibbeha.
Phakopsora crotonis Arth., Rust. Oktibbeha.
Uromyces graminicola Burr., Rust. Covington.

CUCUMIS

C. MELO L., Muskmelon.

Alternaria brassicace var. nigrescens. Pegl., Leaf Spot. Simpson.
Macrosporium cucumberum Ell. & Ev., Leaf Blight. Rankin.
Sclerotium rolfsii Sacc., Southern Blight. Pearl River.

C. MELO var. CANTALUPENSIS, Cantaloupe.

Colletotrichum lagenarium (Pass.) Ell. & Halst., Anthracnose.
Oktibbeha.

Heterodera marioni (Cornu) Goodey, Root-knot. Alcorn.

Pseudoperonospora cubensis (Berk. & Curt.) Rostow., Downy Mildew.
Oktibbeha.

C. SATIVUS L., Cucumber.

Bacillus tracheiphilus E. F. Sm., Bacterial Wilt. Oktibbeha.

Colletotrichum lagenarium (Pass.) Ell. & Halst., Anthracnose.
Claiborne, Harrison, Jackson, and Tishomingo.

Erysiphe cichoracearum DC., Downy Mildew. Jackson.

Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Jackson,
and Stone.

Pseudoperonospora cubensis (Berk. & Curt.) Rostow., Downy Mildew.
Oktibbeha and Pearl River.

Sclerotium rolfsii Sacc., Southern Blight. Pearl River.

CUCURBITA

C. PEPO L., Pumpkin.

Heterodera marioni (Cornu) Goodey, Root-knot. Harrison.

CYAS

C. REVOLUTA Thunb., Fern Palm.

Phoma bresadolae Sacc., Leaf Spot. Harrison.

CYCLAMEN

C. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Grenada.

CYDONIA

C. JAPONICA, Flowering Quince.

Cercospora cydoniae Ell. & Ev., Leaf Spot. Oktibbeha.

C. OBLONGA Mill., Common Quince.

Discosia artocreas Tode ex Fr., Leaf Spot. Harrison.

Entomosporium maculatum Lév., Leaf Blight. Pontotoc.

Fabraea maculata (Lev.) Atk., Leaf Blight. Harrison and Panola.

Gymnosporangium clavipes Cke. & Pk., Rust. Humphreys.

CYNODON

C. DACTYLON (L.) Pers., Bermuda Grass.

Physarum cinereum (Batsch) Pers., Slime Mold. Jones.

Puccinia cynodontis Lacroix., Rust. Oktibbeha.

Ustilago cynodontis Henn., Smut. Lamar.

CYPERUS

- C. ROTUNDUS L., Nut Grass Flatsedge.
Puccinia canaliculata (Schw.) Lagerh., Rust. Washington,
C. STRIGOSUS L., Straw-colored Flatsedge.
Puccinia canaliculata (Schw.) Lagerh., Rust. Claiborne.
C. SP.
Puccinia cyperi Arth., Rust. Clarke.

CYRILLA

- C. RACEMIFLORA L., Southern Leatherwood.
Aecidium cyrillae Arth., Rust. Jackson.
Lophodermium cyrillicola Tracy & Earle. Jackson.

CYSTOPTERIS

- C. FRAGILIS (L.) Bernh., Brittle Bladderfern.
Hyalopsora polypodii (Pers.) Magn., Leaf Spot. Lafayette.

DACTYLIS

- D. GLOMERATA L., Orchard Grass.
Sccolecotrichum graminis Fckl., Leaf Blotch. Choctaw.

DACTYLOCTENIUM

- D. AEGYPTIUM (L.) Willd., Crowfoot Grass.
Ustilago sparse Underw., Smut. Leflore.

DAHLIA

- C. SP.
Alternaria fasciculata (Cke. & Ell.) Jones & Grout, Leaf Spot.
Clay.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Grenada,
Lamar, and Oktibbeha.

DASYSTOMA

- D. VIRGINICA (L.) Britton, Smooth False Foxglove.
Cercospora gerardiae Ell. & Dearn., Leaf Spot. Noxubee.

DATURA

- D. STRAMONIUM L., Jimsonweed.
Alternaria solani (Ell. & Mart.) Jones & Grout, Early Blight.
George and Itawamba.
Macrosporium solani Ell. & Martin, Leaf Spot. Harrison and
Tate.

DAUCUS

- D. CAROTA L., Carrot.
Cercospora apii Fr. var. carotae Pass., Leaf Spot. Marshall.
Macrosporium carotae Ell. & Lam., Leaf Blight. Coahoma and
Hinds.

DELPHINIUM

D. SP., Larkspur.

Sclerotium rolfsii Sacc., Southern Blight. Franklin.

DESMODIUM

D. CANADENSE (L.) DC., Canada Tickclover.

Ramularia desmodii Cke., Leaf Spot. Lawrence.Uromyces hedysari-paniculati (Schw.) Farl., Rust. Choctaw and Oktibbeha.

D. CANESCENS DC., Hoary Ticktrefoil.

Synchytrium decipiens Farl. Forrest.

D. LONGIFOLIUM Nutt.

Uromyces hedysari-paniculati (Schw.) Farl., Rust. Alcorn.

D. MARYLANDICUM (L.) DC., Maryland Tickclover.

Uromyces hedysari-paniculati (Schw.) Farl., Rust. Tishomingo.

D. PANICULATUM (L.) DC., Paniced Tickclover.

Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot. Wayne.Uromyces hedysari-paniculati (Schw.) Farl., Rust. Choctaw and Oktibbeha.

D. RIGIDUM DC., Rigid Tickclover

Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot.

Amite and Noxubee.

Uromyces hedysari-paniculati (Schw.) Farl., Rust. Oktibbeha.

D. SP.

Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot. Hinds.Uromyces hedysari-paniculati (Schw.) Farl., Rust. Oktibbeha.

DEUTZIA

D. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Covington.

DIANTHUS

D. BARBATUS L., Sweet-William.

Puccinia arenariae (Schum.) Wint., Rust. Marion and Monroe.

D. CARYOPHYLLUS L., Carnation.

Alternaria dianthi Stev. & Hall., Leaf Spot. Simpson.

D. SP., Carnation.

Alternaria dianthi Stev. & Hall., Leaf Spot. Harrison.Heterodera marioni (Cornu) Goodey, Root-knot. Lee.Septoria dianthi Desm., Leaf Spot. Hinds.Uromyces caryophyllinus (Schr.) Wint., Rust. Lauderdale, Lee, and Washington.

DICHONDRA

- D. CARCLEMENSIS Michx., Dichondra.
Puccinia dichondrae Mont., Rust. Harrison.

DIERVILLA

- D. SP., Bushhoneysuckle.
Septoria diervillae Ell. & Ev., Leaf Spot. Simpson.

DIGITARIA

- D. SANGUINALIS (L.) Scop., Hairy Crabgrass.
Tilletia corona Scribn., Smut. Marion.
Tilletia pulcherrima Ell. & Gall., Smut. Perry.
Ustilago rabenhorstiana Kuehn, Smut. Coahoma, Lee, Oktibbeha,
and Winston.

DICDIA

- D. TERES Walt., Rough Buttonweed.
Cercospora diodiae Cke., Leaf Spot. Pearl River.
Cercospora diodiae-virginianae Atk., Leaf Spot. Pearl River.
Uromyces spermatozoides (Schw.) Curt., Rust. Choctaw, Marion,
and Oktibbeha.

DIOSPYROS

- D. KAKI L. f., Japanese Persimmon.
Gloeosporium diospyri Ell. & Ev., Leaf Spot. Jackson.
D. VIRGINIANA L., Common Persimmon.
Cercospora diospyri (Thuem.) Cke., Leaf Spot. Oktibbeha.
Cercospora flexuosa Tracy & Earle. Oktibbeha.
Cercospora fuliginosa Ell. & Kell., Leaf Spot. Lamar.
Clasterosporium sp. Lamar.
Gloeosporium diospyri Ell. & Ev., Leaf Spot. Oktibbeha.

DISTICHLIS

- D. SPICATA (L.) Greene, Seashore Saltgrass.
Physalospora cynodontis DeLac. George.

DUCHESNEA

- D. INDICA (Andr.) Focke, Indian Strawberry.
Frommea duchesneae Arth. Harrison and Hinds.
Kuehneola duchesneae Arth., Rust. Hinds.

ECHINOCHLOA

- E. CRUS-GALLI (L.) Beauv., Barnyardgrass.
Vermicularia affinis S. & B. Forrest.

ECHIUM

- E. VULGARE L., Blueweed
Cercospora echii Wint., Leaf Spct. Bolivar.

ELAEAGNUS

E. SP., Silverberry
Cercospora elaeagni Heald & Wolf, Leaf Spot. Coahoma.

E. SP.
Phyllosticta argyrea Speg., Leaf Spot. Washington.

ELEOCHARIS

E. OBTUSA (Willd.) Schultes, Blunt Spikesedge.
Puccinia eleocharidis Arth., Rust. Tishomingo.

ELEPHANTOPUS

E. CARCLINIANUS Willd., Carolina Elephant's Foot.
Coleosporium elephantopodis (Schw.) Thuem., Rust. George,
Lafayette, Oktibbeha, and Perry.

E. NUDATUS A. Gray, Smoothish Elephant's Foot.
Coleosporium elephantopodis (Schw.) Thuem., Rust. Oktibbeha and
Perry.

E. TOMENTOSUS L., Tobaccoweed.
Coleosporium elephantopodis (Schw.) Thuem., Rust. Oktibbeha.

ELYMUS

E. CANADENSIS L., Canada Wild-Rye.
Phyllachore graminis (Pers. ex Fr.) Fckl., Black Spot. Oktibbeha.
Puccinia graminis Pers., Rust. Oktibbeha.
Urocystis agropyri (Preuss) Schrcet., Smut. Oktibbeha.

E. VIRGINICUS L., Virginia Wild-Rye.
Septoria bromi Sacc., Leaf Spot. Holmes.

ERAGROSTIS

E. SP., Grass.
Helminthosporium geniculatum Tracy & Earle, Leaf Spot. Claiborne.
E. SP.
Dinemasporium gramineum Lév. Carroll.

ERIANTHUS

E. CONCORTUS Ell., Beardgrass.
Cerebella andropogonis Ces., False Smut. Bolivar.

ERICERON

E. ANNUUS (L.) Pers., Sweet Scabious.
Septoria erigerontis Pk., Leaf Spot. Oktibbeha.

E. PHILADELPHICUS L., Philadelphia Fleabane.
Cercospora cana (Pass.) Sacc. Oktibbeha.
Puccinia asterum Kern., Rust. Oktibbeha.
Puccinia extensicola asteris (Thuem.) Arth., Rust. Oktibbeha.
Puccinia extensicola erigerontis Arth., Rust. Oktibbeha.
Virus, Aster Yellows.

EUONYMUS

- E. ATROPURPUREUS Jacq., Burningbush.
Microsphaera alni (DC.) Wint., Powdery Mildew. Pearl River.
- E. JAPONICUS Thunb., Evergreen Burningbush.
Cercospora destructiva Rav., Leaf Spot. Forrest.
Colletotrichum griseum Heald & Wolf, Anthracnose. Adams,
Coahoma, George, Grenada, Harrison, Jones, Kemper, Lauderdale,
Leflore, Monroe, Noxubee, Oktibbeha, and Wayne.
Exosporium concentricum Heald & Wolf, Leaf Spot. Alcorn and
Lowndes.
Glomerella cingulata (Stonem.) Spauld. & Schrenk., Anthracnose.
Hinds, Lauderdale, and Oktibbeha.
- Oidium euonymi-japonici (Arcang.) Sacc., Powdery Mildew. Adams,
Clarke, Copiah, Harrison, Jefferson, Lauderdale, Pike, and
Walthall.
- Oidium sp., Powdery Mildew. Jones.
- E. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Greene and
Holmes.
Microsphaera alni (DC.) Wint., Powdery Mildew. Tunica.
Phyllosticta euonymi Sacc., Leaf Spot. Marshall.

EUPATORIUM

- E. COELESTINUM L., Mistflower Eupatorium.
Puccinia conocephali Seym., Rust. Newton and Oktibbeha.
- E. PERFOLIATUM L., Common Thoroughwort.
Septoria eupatorii Rob. & Desm., Leaf Spot. Oktibbeha.
- E. RCTUNDIFOLIUM L., Roundleaf Thoroughwort.
Puccinia eleocharidis Arth., Rust. Harrison.
- E. URTICAECOLIUM Reichard, White Snakeroot.
Cercospora ageratoidis Ell. & Ev., Leaf Spot. Yalobusha.
Entyloma compositarum Farl., Leaf Smut. Rankin.
Puccinia tenuis (Schw.) Burr., Rust. Lafayette.
- E. SP.
Puccinia eleocharidis Arth., Rust. Harrison.

EUPHORBIA

- E. COROLLATA L., Flowering Spurge Euphorbia.
Microsphaera euphorbiae (Pk.) Berk. & Curt., Powdery Mildew. Tippah.
- E. HETEROPHYLLA L., Painted Euphorbia.
Uromyces proeminens (DC.) Pass., Rust. Jones.
- E. HUMISTRATA Engelm., Hairy Spreading Spurge.
Uromyces proeminens (DC.) Pass., Rust. Jackson.

EUPHORBIA--cont.

- E. MACULATA L., Spotted Euphorbia.
Nigredo proëminens Arth., Rust. Stone.
Scolecotrichum euphorbiae Tracy & Earle, Leaf Spot. Jones.
- E. MARGINATA Pursh, Snow-on-the-Mountain Euphorbia.
Puccinia panici Diet., Rust. Simpson.
- E. SERPYLLIFCLIA Pers., Thymeleaf Spurge.
Peronospora euphorbiae Fckl., Downy Mildew. Jackson.
Uromyces proëminens (DC.) Pass., Rust. Jackson.
- E. SP.
Uromyces prëminens (DC.) Pass., Rust. Sunflower.

FAGUS

- F. GRANDIFOLIA Ehrh., American Beech.
Asteresporium hoffmanni Kunze. Lee.
Diatrype virescens (Schw.) Cke. Union.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.
Polyporus versicolor (L.) Fr. Rankin.
- F. SYLVATICA L., European Beech.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.

FICUS

- F. CARICA L., Fig.
- Cercospora bolleana (Thurston) Sacc., Leaf Spot. Forrest, Jackson, Wilkinson, and Yalobusha.
- Cercospora fici Heald & Wolf, Leaf Spot. Harrison and Jackson.
- Corticium laetum Karst., Limb Blight. Hancock, Stone, and Tate.
- Corticium stevensii Burt, Leaf Blight. Lamar and Pike.
- Gloeosporium sp., Fruit Rot or Anthracnose. Yazoo.
- Glomerella fructigena (Clint.) Sacc., Anthracnose. Jackson.
- Heterodera marioni (Cornu) Goodey, Root-knot. George, Hancock, Hinds, Lauderdale, Lee, Noxubee, and Oktibbeha.
- Macrophoma fici Alm. & Cam., Canker.
- Physopella fici Arth., Rust.
- Rhizoctonia microsclerotia Matz, Leaf Blight. Amite, Hancock, and Pearl River.
- Tubercularia fici Edg. Jefferson.
- F. ELASTICA Roxb., Indiarubber Fig: Rubberplant.
- Glomerella cincta (Stonem.) Spauld. & Schrenk, Anthracnose. Lamar.

FIMERISTYLIS

- F. AUTUMNALIS (L.) R. & S., Slender Umbellled Spikerush.
- Cintractia axicola (Berk.) Cornu, Smut. Jackson, Marion, and Scott.
- Ustilago fimbristylis Thuem., Smut. Lauderdale.

FORSYTHIA

F. SP.

Coryneum kunzei Cda., Blight. Jackson.Heterodera marioni (Cornu) Goodey, Root-knot. Clay, Covington, and Leflore.

FORTUNELLA

F. HINDSI, Hongkong Kumquat.

Phyllosticta sp., Leaf Spot. Harrison.

F. SP., Kumquat

Diaporthe citri Wolf, Melanose.Stereum albobadium (Schw.) Fr. Jackson.

FRAGARIA

F. VIRGINIANA Duchesne, Virginia Strawberry.

Diplocarpon earliana (Ell. & Ev.) Wolf, Leaf Scorch. Monroe.Mycosphaerella fragariae (Tul.) Lindau, Leaf Spot. Alcorn, Calhoun, Claiborne, Clarke, Jackson, Lafayette, Lauderdale, Leake, Lowndes, Marshall, Monroe, Montgomery, Oktibbeha, and Webster.Phoma obscurans Ell. & Ev. Pontotoc.

F. SP.

Potrytis vulgaris (Pers.) Fr., Gray Mold. Attala and Lauderdale.Dendrophoma obscurans (Ell. & Ev.) H. W. Anderson, Leaf Scorch.Diplccarpon earliana (Ell. & Ev.) Wolf, Leaf Scorch.Heterodera marioni (Cornu) Goodey, Root-knot. Jackson and Lauderdale.Mycosphaerella fragariae (Tul.) Lindau, Leaf Spot.Pezizella lythri Shear & Dodge, Tan Rot.Sphaerella earliana Wint. Lauderdale.

FRAXINUS

F. AMERICANA L., White Ash.

Piggottia fraxini Berk. & Curt., Leaf Spot. Oktibbeha and Tishomingo.

F. PENNSYLVANICA Marsh., Red Ash.

Piggottia fraxini Berk. & Curt., Leaf Spot. Webster.Puccinia fraxinata Arth., Rust. Harrison.Puccinia peridermiospora (Ell. & Tracy) Arth., Rust. Scott.

F. SP., Dead wood of

Apiosporium erysiphoides Sacc. & Ell. Simpson.

F. SP.

Cylindrosporium minus Ell. & Kell., Leaf Spot. Chickasaw.Dimerosporium pulchrum Sacc. Quitman.Poria punctata Fr. Webster.

GALAX

G. SP.

Asterina leemingii Ell. & Ev. Alcorn.

GALIUM

G. APARINE L., Catchweed Bedstraw.

Puccinia punctata Lk., Rust. Oktibbeha.

G. CONCINNUM Torr. & Gray, Shining Bedstraw.

Puccinia punctata Lk., Rust. Pearl River.

GARDENIA

G. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Greene, Harrison, Lauderdale, Leflore and Monroe.

GAURA

G. ANGUSTIFOLIA Michx., Narrowleaf Gaura.

Uromyces plumbarius Pk., Rust. Oktibbeha.

G. COCCINEA Pursh, Scarlet Gaura.

Uromyces plumbarius Pk., Rust. Wilkinson.

GERANIUM

G. CARCLINIANUM L., Carolina Geranium.

Pestalozziella subsessilis Sacc. & Ell., Leaf Spot. Oktibbeha.Rhynchospora geranii (Pk.) Wils. Oktibbeha.

GEUM

G. CANADENSE Jacq., White Avens.

Peronospora potentillae DBy., Downy Mildew. Clay and Monroe.

GINKGO

G. BILOBA L.

Heterodera marioni (Cornu) Goodey, Root-knot. Stone.

GLADIOLUS

G. SP.

Bacterium marginatum L. McCul., Stem Rot.Fusarium sp., Bulb Rot.Heterodera marioni (Cornu) Goodey, Root-knot. Lee.Penicillium gladioli McCul. & Thom, Storage Rot. Lee.Saccharomyces sp., Yeast. Lauderdale.Septoria gladioli Pass., Hard Rot, Leaf Spot. Alcorn, Harrison, Jackson, Pearl River, and Warren.

GLEBITSIA

G. TRIACANTHOS L., Honeylocust.

Cercospora olivacea (Berk. & Rav.) Ell., Leaf Spot. Sunflower.Cercospora seymouriana Wint., Leaf Spot. Sunflower.

GLEBITSIA--cont.

G. TRIACANTHOS--cont.

Melasmia gleditschiae (Lév.) Ell. & Ev., Tar Spot. Carroll and Monroe.

Microsphaera ravenelii Berk., Powdery Mildew. Attala and Kemper.

Myriangium duriaeae Mont. & Berk. Pearl River.

Nummularia discreta (Schw.) Tul., Canker. Calhoun.

GLYCERIA

G. FLUITANS (L.) R. Br., Water Mannagrass.

Ustilago longissima (Sow.) Tul. var. macrospora Davis, Smut. Rankin.

GNAPHALIUM

G. PURPUREUM L., Purplish Cudweed.

Cercospora gnaphaliacea Cke., Leaf Spot. Pearl River.

Plasmopara halstedii (Farl.) B. & DeT., Downy Mildew. Union.

GOSSYPIUM

G. HERBACEUM L., Levant Cotton.

Alternaria gossypii Auct., Leaf Spot. Holmes.

Glomerella gossypii (South.) Edg., Anthracnose. Lamar.

Phyllosticta gossypina Ell. & Martin, Leaf Spot. Madison.

Ramularia areola Atk., Frosty Mildew. Choctaw and Clarke.

G. HIRSUTUM L., Upland Cotton.

Agrobacterium tumefaciens (E. F. Sm. & Town) Conn., Crown Gall. Oktibbeha.

Alternaria gossypii Auct., Leaf Spot. State-wide.

Alternaria sp., Leaf Spot.

Ascochyta gossypii Syd., Blight. Bolivar and Tunica.

Cercospora gossypina Cke., Leaf Spot.

Diplodia gossypina Cke., Boll Rot.

Fusarium oxysporum f. vasinfectum (Atk.) Snyder & Hansen, Wilt. Montgomery.

Fusarium vasinfectum Atk., Wilt.

Fusarium spp., Boll Rot.

Glomerella gossypii (South.) Edg., Anthracnose.

Macrosphaerium rigescens Atk., Leaf Spot. Clay.

Myrothecium roridum Tode, (assoc. with leaf spot).

Phoma sp., Leaf Spot. Tunica.

Ramularia areola Atk., Frosty Mildew. Lafayette and Panola.

Rhizoctonia solani Kuehn, Leaf Blight and Sore Shin.

Sclerotinia sclerotiorum (Atk.) Pk. & Clint., Leaf Spot. Noxubee.

Thielaviopsis basicola (Berk.) Ferr., Collar Rot, Seedling Root Rot. Oktibbeha.

Verticillium albo-atrum R. & B., Verticillium Wilt. Benton, Bolivar, Coahoma, Claiborne, DeSoto, Humphreys, Lafayette, Leake, Leflore, Marshall, Panola, Sunflower, Tallahatchie, Tunica, Union, and Washington.

GOSSYPIUM--cont.

G. HIRSUTUM--cont.

Xanthomonas malvacearum (E. F. Sm.) Dowson, Black Arm, Angular Leaf Spot. Clay, Humphreys, Noxubee, Tallahatchie, Union, and Washington.

G. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Choctaw, Clarke, Leake, Leflore, Pearl River, Tate, Tishomingo, and Washington.

HAMAMELIS

H. VIRGINIANA L., Common Witchhazel.

Gonobotryum maculicola (Wint.) Sacc., Leaf Spot. Tishomingo.

Phyllosticta hamamelidis Pk., Leaf Spot. Harrison and Wayne.

Podosphaera binuncinata Cke. & Peck, Powdery Mildew. Franklin and Perry.

HEDERA

H. HELIX L., English Ivy.

Phyllosticta concentrica Sacc., Leaf Spot. Jackson.

Phyllosticta hedericola Dur. & Mont., Leaf Spot. Washington.

Vermicularia trichella Fr. Jefferson Davis and Tippah.

HELIANTHUS

H. ANGUSTIFOLIUS L., Swamp Sunflower.

Puccinia helianthi Schw., Rust. Tishomingo.

H. ANNUUS L., Common Sunflower

Puccinia helianthi Schw., Rust. Lowndes.

Sentoria helianthi Ell. & Kell., Leaf Spot. Noxubee.

H. ATRORUBENS L., Hairy Wood Sunflower.

Puccinia helianthi Schw., Rust. Alcorn.

H. DIVARICATUS L., Woodland Sunflower.

Dicaeoma helianthi-mollis Arth., Rust. Jones.

Montagnella heliopsisidis (Schw.) Sacc. Oktibbeha.

Puccinia helianthi Schw., Rust. Jones.

H. GIGANTEUS L., Giant Sunflower.

Coleosporium helianthi (Schw.) Arth., Rust. Oktibbeha.

H. HIRSUTUS Raf., Stiffhaired Sunflower.

Erysiphe cichoracearum DC., Powdery Mildew. Pearl River.

Puccinia helianthi Schw., Rust. Choctaw.

H. MOLLIS Lam., Ashy Sunflower

Puccinia helianthi Schw., Rust. Alcorn.

H. TUPEROSUS L., Jerusalem Artichoke Sunflower.

Erysiphe cichoracearum DC., Powdery Mildew. Rankin.

HELIANTHUS--cont.

H. SP., Sunflower.

Erysiphe cichoracearum DC., Powdery Mildew. Oktibbeha.HIBISCUS

H. ESCULENTUS L., Okra.

Cercospora hibisci Tracy & Earle, Leaf Spot. Jackson, Madison, and Tippah.Cercospora spp., Leaf and Pod Spot.Heterodera maricni (Cornu) Goodey, Root-knot. Attala, Choctaw, Clarke, Clay, Forrest, Harrison, Holmes, Humphreys, Jackson, Jasper, Jones, Lauderdale, Leake, Leflore, Neshoba, Newton, Tippah, Warren, Washington, Wayne, Webster, and Winston.

H. SYRIACUS L., Shrub Althea, Rose-of-Sharon.

Kuehneola malvicola (Speg.) Arth., Rust. Jackson and Jones.HORDEUM

H. JUBATUM L., Foxtail Barley.

Puccinia graminis Pers., Stem Rust. Hancock.

H. NOCDOSUM L., Meadow Barley.

Uromyces hordeinus Arth., Rust. Lauderdale.

H. PUSILLUM Nutt., Little Barley.

Erysiphe graminis DC., Powdery Mildew. Oktibbeha and Yalobusha.Uromyces hordei Tracy, Leaf Rust. Oktibbeha.

H. VULGARE L., Barley.

Helminthosporium sativum (Pam.) King & Bakke, Spct-Blotch. Oktibbeha.Helminthosporium sp., Leaf Spot.Puccinia anomala Rostr., Leaf Rust.Ustilago hordei (Pers.) Kell. & Swing., Loose Smut. Issaquena, Jackson, and Oktibbeha.Ustilago nuda (Jens.) Kell. & Swing., Loose Smut. Oktibbeha and Warren.HCUSTONIA

H. COERULEA L., Bluets.

Aecidium oldenlandianum Ellis & Tr., Rust. Oktibbeha.Peronospora seymourii Burr., Downy Mildew. Oktibbeha.Uromyces peckianus Farl., Rust. Oktibbeha.

H. PURPUREA L., Large Houstonia.

Uromyces peckianus Farl., Rust. Oktibbeha.HYDRANGEA

H. ARBORESCENS L., Smooth Hydrangea.

Botrytis cinerea Pers., Blight. Wayne.Pucciniastrum hydrangeae (Berk. & Curt.) Arth., Rust. Covington.Sectoria hydrangeae Bizz., Leaf Spot. Franklin.

HYDRANGEA

H. SP.

Cercospora hydrangeae Ell. & Ev., Leaf Spot. Forrest and Oktibbehá.

Gloeosporium sp., Leaf Spot. Hinds.

Heterodera marioni (Cornu) Goodey, Leaf Spot. Tunica.

Septoria hydrangeae Bizz., Leaf Spot. Lauderdale, Tallahatchie, and Washington.

HYDROCOTYLE

H. UMBELLATA L., Umbellata Marsh Pennywort.

Puccinia hydrocotyles (Link.) Cke., Rust. - Jackson.

H. VERTICILLATA Thunb., Marsh Pennywort.

Cercospora hydrocotyles Ell. & Ev., Leaf Spot. Jones.

H. SP.

Septoria hydrocotyles Desm., Leaf Spot. Jackson.

HYPERICUM

H. MUTILUM L., Dwarf St. Johnswort.

Nigredo hyperici-frondosi Arth., Rust. Lafayette.

H. PROLIFICUM L., Shrubby St. Johnswort.

Uromyces hyperici (Spreng) Curt., Rust. Hinds.

HYPOXIS

H. HIRSUTA (L.) Coville, Common Goldstargrass.

Uromyces affinis Wint., Rust. Jackson.

HYSTRIX

H. PATULA Moench, Bottlebrush Grass.

Septoria bromi Sacc., Leaf Spot. Calhoun.

ILEX

I. CORIACEA (Pursh) Chapm., Shining Inkberry.

Asterina pelliculosa Berk. Jackson and Smith.

Aulographum angustiforme (Tracy & Earle) Thiess. Jackson.

Lembosia angustiformis Tracy & Earle. Jackson.

I. DECIDUA Walt., Possumhaw.

Rhytisma velatum (Schw.) Fr., Tar Spot. Forrest.

I. OPACA Ait., American Holly.

Asterina pelliculosa Berk. Newton.

Cercospora ilicis Ell., Leaf Spot. Oktibbehá.

Macrosporium fasciculatum Cke. & Ell., Leaf Spot. Bolivar.

Phyllosticta opaca Ell. & Ev., Leaf Spot. Jackson.

Placosphaeria ilicus Miles. Harrison.

Rhytisma curtisii Berk. & Rav., Tar Spot. Harrison and Leflore.

ILEX--cont.

I. VERTICILLATA (L.) A. Gray, Winterberry.

Micropora caespitosa (Pkr.) Archer. Panola.

Rhytisma ilicis-canadensis Schw., Tar Spot. Noxubee and Oktibbeha.

ILLICIUM

I. FLORIDANUM Ellis, Florida Anisetree.

Asteridium illicii Tracy & Earle. Jefferson Davis.

Laestadia illicicola Tracy & Earle. Jackson.

Lembosia illicicola Tracy & Earle. Jackson.

IMPATIENS

I. BIFLORA Walt., Spotted Touch-Me-Not.

Puccinia rubigo-vera (DC.) Wint., Rust. Holmes and Winston.

Puccinia rubigo-vera impatientis (Arth.) Mains., Rust. Holmes and Winston.

Rhysosetheca obducens (Schroet) Wils. Clay.

I. PALLIDA Nutt., Pale Touch-Me-Not.

Puccinia argentata (Schultz) Wint.; Rust. Attala.

Puccinia rubigo-vera (DC.) Wint., Rust. Choctaw.

IPOMOEA

I. BARBIGERA Sweet., Bearded Morning-glory.

Coleosporium ipomoeae (Schw.) Burr., Rust. Adams.

I. BATATAS (L.) Lam., Sweetpotato.

Actinomyces ipomoea Person, Soil Rot.

Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Adams, Amite, Holmes, and Tishomingo.

Ceratostomella fimbriata Elliott, Black Rot. Leflore, Oktibbeha, and Wayne.

Colletotrichum sp. (assoc. with leaf spot)

Fusarium batatas Wollenw., Stem Rot.

Fusarium hyperoxysporum Wollenw., Stem Rot.

Fusarium spp., Wilt.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Bolivar, Holmes, Itawamba, Jackson, Jasper, Lauderdale, Leake, Lee, Pike, and Tunica.

Monilochætes infuscans Ell. & Halsted, Scurf.

Phyllosticta batatas (Thun.) Cke., Leaf Spot. George, Jackson, and Jones.

Physarum plumbeum Fr., Slime Mold. Forrest, Marshall, and Warren.

Physocrella oblonga (Berk. & Curt.) Morg. Greene.

Plenodomus destruens Harter, Foot Rot. Chickasaw, Coahoma, Marshall, Oktibbeha, Quitman, and Wilkinson.

Rhizopus nigricans Ehrenb. ex Fr., Soft Rot.

IPOMOEA--cont.

- I. BATATAS--cont.
Sclerotium rolfsii Sacc., Southern Blight. Adams, Hinds, and Marshall.
Septoria sp. Leaf Spot.
Sphaeronema fimbriatum (Ell. & Halst.) Sacc., Black Rot. Webster.
Stemonitis fusca (Roth) Rost., Slime Mold. Madison.
Virus, Mosaic. Pontotoc.
- I. DIGITATA L., Fingerleaf Morning-glory.
Coleosporium ipomoeae (Schw.) Burr., Rust. Coahoma.
- I. HEDERACEA Jacq., Ivyleaf Morning-glory.
Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Jackson and Montgomery.
Coleosporium ipomoeae (Schw.) Burr., Rust. Jackson.
Cystopus ipomoeae-panduranae Farl. Lauderdale.
- I. LACUNOSA L., White Morning-glory.
Coleosporium ipomoeae (Schw.) Burr., Rust. Alcorn.
- I. PANDURATA (L.) Mey., Wild Potato Vine.
Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Oktibbeha.
Coleosporium ipomoeae (Schw.) Burr. Rust. Coahoma.
Phyllosticta ipomoeae Ell. & Kell., Leaf Spot. Jackson.
- I. PURPURATA (L.) Roth, Common Morning-glory.
Albugo ipomoeae-panduranae (Schw.) Swing., White Rust. Marion.
Coleosporium ipomoeae (Schw.) Burr., Rust. Adams.
- I. SP., Morning-glory.
Coleosporium ipomoeae (Schw.) Burr., Rust. Oktibbeha.

IRIS

- I. VERSICOLOR L., Blueflag Iris.
Mollisia iridis (Rehm.) Sacc. Bolivar.
- I. SP.
Didymellina iridis (Desm.) V. Hoehn., Leaf Spot. Neshoba and Washington.
Didymellina macrospora Kleb., Leaf Spot. Panola.
Puccinia iridis (DC.) Wallr., Rust. Lamar, Monroe, and Pike.
Sclerotium rolfsii Sacc., Southern Blight. Oktibbeha and Scott.
Scolecotrichum iridis Fautr. & Roum., Leaf Spot. Hinds, Leflore, Marshall, and Oktibbeha.
Virus, Mosaic.

JUGLANS

- J. CINEREA L., Butternut.
Marssonnia juglandis (Lib.) Sacc., Leaf Spot. Lafayette.

JUGLANS--cont.

- J. NIGRA L., Eastern Black Walnut.
Cytospora juglandicola Ell. & Barth. Kemper and Leflore.
Marssonia juglandis (Lib.) Sacc., Leaf Spot. Bolivar.
Microstroma juglandis (Ber.) Sacc., Leaf Spot. Issaquena,
 Panola, and Yazoo.

- J. SP., Walnut.
Cylindrosporium juglandis Wolf., Leaf Spot. Lauderdale.
Gnomonia leptostyla (Fr.) Ces. & DeN., Leaf Spot. Tunica.
Marssonia juglandis (Lib.) Sacc., Leaf Spot. Leflore.

JUNCUS

- J. ACUMINATUS Michx., Sharpfruited Rush.
Cintractia junci (Schw.) Trel., Smut. Quitman.

JUNIPERUS

- J. BERMUDIANA L., Bermuda Red Cedar.
Gymnosporangium bermudianum (Farl.) Earle, Rust. Harrison.

 J. CHINENSIS L., Pyramid Chinese Juniper.
Pitya cupressi (Batsch) Fckl. Jefferson Davis.

 J. PFITZERIANA, Pfitzer's Juniper.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn., Crown Gall.

 J. VIRGINIANA L., Eastern Red Cedar.
Gymnosporangium bermudianum (Farl.) Earle, Rust. Harrison.
Gymnosporangium clavipes Cke. & Pk., Rust. Oktibbeha and Washington.
Gymnosporangium floriforme Thaxt., Rust. Lowndes and Oktibbeha.
Gymnosporangium globosum Farl., Rust. Oktibbeha.
Gymnosporangium nidus-avis Thaxt., Rüst. Washington.
Polyporus barbatulus (Fr.) Rav. Issaquena.

JUSSIAEA

- J. DECURRENS (Walt.) DC., Water Primrose.
Puccinia jussiaeae Speg., Rust. Coahoma.

KALMIA

- K. LATIFOLIA L., Mountain-laurel.
Phyllosticta kalmicola (Schw.) Ell. & Ev., Leaf Spot. Harrison.
Phyllosticta latifoliae Ell. & Ev., Leaf Spot. George.
Septoria kalmiaecola (Schw.) Berk. & Curt., Leaf Spot. Harrison.

KERRIA

- K. JAPONICA DC., Japanese Kerria.
Coccomyces kerriae V. B. Stewart, Twig and Leaf Blight. Neshoba.

KOELLIA

- K. MUTICA (Michx.) Britton, Short-toothed Mountain-mint.
Puccinia menthae Pers., Rust. Lee.

KOELLIA--cont.

- K. VIRGINIANA (L.) MacM., Virginia Mountain-mint.
Puccinia menthae Pers., Rust. Lafayette.

KRIGIA

- K. DANDELION (L.) Nutt., Dwarf-Dandelion.
Bremia lactucae Regel., Downy Mildew. Oktibbeha.
- K. VIRGINICA (L.) Willd., Carolina Dwarf-Dandelion.
Puccinia maculosa Schw., Rust. Hancock.

KUHNIA

- K. EUPATORICIDES L., False Boneset.
Puccinia kuhniae Schw., Rust. Choctaw.

KYLLINGA

- K. PUMILA Michx., Low Kyllinga.
Helminthosporium sp., Leaf Spot. Oktibbeha.

LACTUCA

- L. CANADENSIS L., Canada Lettuce.
Bremia lactucae Regel., Downy Mildew. Choctaw.
Dicaeoma hieraciatum Arth. & Kern., Rust. Oktibbeha.
Puccinia extensicola hieraciata (Schw.) Arth., Rust. Oktibbeha.
Septoria lactucicola Ell. & Martin, Leaf Spot. Oktibbeha.
- L. SATIVA L., Garden Lettuce.
Bremia lactucae Regel., Downy Mildew. Copiah.
Sclerotinia sclerotiorum (Lib.) Massei, Watery Soft Rot.

LAGERSTROEMIA

- L. INDICA L., Common Crapemyrtle.
Erysiphe lagerstroemiae West., Powdery Mildew. Chicasaw,
Clarke, and Jasper.
Uncinula australiana McAlpine, Powdery Mildew.

LAMIUM

- L. AMPLEXICAULE L., Henbit Deadnettle
Peronospora lamii Braun, Downy Mildew. Coahoma.

LATHYRUS

- L. ODORATUS L., Sweetpea.
Glomerella rufomaculans (Berk.) Spauld. & Schrenk, Anthracnose.
Oktibbeha.

LEERSIA

- L. LENTICULARIS Michx., Catch-fly Grass.
Tilletia corona Scribn., Smut. Jefferson.

LEERSIA--cont.

- L. ORYZOIDES Sw., Rice Cut-Grass.
Tilletia corona Scribn., Smut. Copiah.
L. VIRGINICA Willd., White Grass.
Uromyces halstedii DeT., Rust. Harrison.

LEPIDIUM

- L. VIRGINICUM L., Virginia Pepperweed.
Albugo candida (Pers. ex Lév.) O. Kunze, White Rust. Harrison.
Peronospora parasitica (Pers.) DBy., Downy Mildew. Oktibbeha.
Septoria lepidiicola Ell. & Martin, Leaf Spot. Grenada.

LEPTOCHLOA

- L. FILIFORMIS (Lam.) Beauv., Red Sprangletop.
Ustilago ornata Tracy & Earle, Smut. Rankin.

LESPEDEZA

- L. CAPITATA Michx., Roundheaded Lespedeza.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Calhoun.
L. HIRTA (L.) Hornem., Hairy Lespedeza.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Tishomingo.
L. INTERMEDIA (Wats.) Britt., Wand Lespedeza.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Lee.
L. REPENS (L.) Bart., Creeping Lespedeza.
Nigredo lespedezae-procumbentis Arth., Rust. Calhoun.
L. STRIATA (Thunb.) H. & A., Common Lespedeza.
Microsphaera diffusa Cke. & Pk., Powdery Mildew. Neshoba.
L. VIOLACEA (L.) Pers., Violet Lespedeza.
Nigredo lespedezae-procumbentis Arth., Rust. Forrest.
Uromyces lespedezae-procumbentis (Schw.) Curt., Rust. Forrest.

LEUCOTHOE

- L. AXILLARIS (Lam.) D. Don., Downy Leucothoe.
Erobasidium leucothoes Henn., Leaf Gall. Stone.
Mycosphaerella leucothoes Miles, Leaf Spot. Pearl River.

LIGustrum

- L. INDICUM, India Privet.
Glomerella cingulata (Stonem.) Spauld. & Schrenk. Jones.
L. JAPONICUM Thunb., Japanese Privet.
Cercospora ligustri Roum., Leaf Spot. Jefferson.
L. LODENSE
Cercospora ligustri Roum., Leaf Spot. Washington.

LIGUSTRUM--cont.

- L. OVALIFOLIUM Hassk., California Privet.
Glomerella cingulata (Stonem.) Spauld. & Schrenk. George and Panola.
- L. SP.
Cercospora ligustri Roum., Leaf Spot. Coahoma and Lauderdale.
Heterodera marioni (Corinu) Goodey, Root-knot. Greene and Stone.
Microsphaera alni (DC.) Wint., Powdery Mildew.
Phyllosticta ovalifolii Brun., Leaf Spot. Humphreys and Washington.

LIPPIA

- L. LANCEOLATA Michx., Fogfruit.
Cercospora lippiae Ell. & Ev., Leaf Spot. Clay.

LIQUIDAMBAR

- L. STYRACIFLUA L., American Sweetgum.
Cercospora liquidambaris Cke. & Ell., Leaf Spot. Bolivar, Monroe, Oktibbeha, and Stone.
Cercospora tuberculans Ell. & Ev., Leaf Spot. Lee.
Gnomoniella amoena (Nees) Fckl. var. petalorum (S.) Sacc., Leaf Spot. Copiah.
Hypoxylon perforatum (Schw.) Fr. Rankin.
Myriangium curtisii Berk. & Mont. Jackson.
Polyporus versicolor (L.) Fr. Greene.
Stereum fuscum Britz. Oktibbeha.
Stereum rameale Schw. Oktibbeha.

LIRIODENDRON

- L. TULIPIFERA L., Tulip Tree.
Cercospora liriodendri Ell. & Harkn., Leaf Spot. Neshoba.
Hypoxylon insidens (S.) Ell. & Ev. Coahoma.
Oospora tulipifera Ell. & Martin. Tishomingo.
Phyllosticta liriodendrica Cke., Leaf Spot. George, Jackson, and Marion.

LOLIUM

- L. MULTIFLORUM Lam., Ryegrass.
Puccinia rubigo-vera secalis (Erikss.) Carl., Rust. Jones.

LONICERA

- L. JAPONICA Thunb., Japanese Honeysuckle.
Cercospora periclymeni Wint., Leaf Spot. Oktibbeha.

LUDWIGIA

- L. ALTERNIFOLIA L., Seedbox.
Septoria ludwigiae Cke., Leaf Spot. Pearl River.

LUDWIGIA

L. HIRTELLA Raf., Hairy Ludwigia.

Puccinia jussiaeae Speg., Rust. Harrison, Jackson, and Oktibbeha.

LYCIUM

L. HALIMIFOLIUM Mill., Matrimony-Vine.

Puccinia tumidipes Pk., Rust. Harrison and Oktibbeha.

LYCOPERSICON

L. ESCULENTUM Mill., Common Tomato.

Alternaria solani (Ell. & Mart.) Jones & Grout, Early Blight.
Copiah, DeSoto, Jackson, and Oktibbeha.

Bacterium solanacearum E. F. Sm., Bacterial Wilt.

Cladosporium fulvum Cke., Leaf Mold. Harrison, Jackson, Monroe,
Pearl River, and Pike.

Fusarium lycopersici Sacc., Wilt.

Fusarium oxysporum f. lycopersici (Sacc.) Snyder & Hansen, Wilt.
Oktibbeha.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Choctaw,
Clarke, Clay, Copiah, Covington, Forrest, George, Harrison,
Holmes, Humphreys, Jackson, Jasper, Jones, Kemper, Leake,
Leflore, Monroe, Neshoba, Oktibbeha, Sharkey, Sunflower, Tate,
Washington, Wayne, and Yalobusha.

Phytomonas vesicatoria (Doidge) Bergey et al, Fruit Spot.

Phytophthora infestans (Mont.) DBy., Late Blight.

Sclerotium rolfsii Sacc., Southern Blight. Leflore.

Septoria lycopersici Speg., Leaf Spot. Copiah, Lawrence,
Lowndes, and Oktibbeha.

LYONIA

L. LIGUSTRINA DC., Privet Andromeda.

Rhytisma discolorans Fr., Tar Spot. Tishomingo.

MACLURA

M. POMIFERA Schneider, Osage Orange.

Ovularia maclurae Ell. & Lang., Cottony Leaf Spot. Panola.

MAHONIA

M. SP.

Macrophoma sp. Coshoma.

MAGNOLIA

M. GRANDIFLORA L., Southern Magnolia.

Meliola amphitricha Fr., Sooty Mold.

Phyllosticta cookei Sacc., Leaf Spot. George and Harrison.

Sphaceloma sp., Anthracnose. Pearl River.

Trichodothis comata (Berk. & Rav.) Theiss. & Syd. Copiah,
Hancock, and Yalobusha.

MAGNOLIA--cont.

- M. VIRGINIANA L., Laurel Magnolia,
Apiosporium erysiphoides Sacc. & Ell. Simpson.
Dothidella concaviuscula (Ell. & Ev.) Theiss. & Syd. Wayne.
Meliola amphitricha Fr., Sooty Mold. Chickasaw.
Sphaerella annulata Cke. Pearl River.
Sphaerella glauca Cke. Franklin.
Trichodothis comata (Berk. & Rav.) Theiss. & Syd. Pearl River.

MALUS

- M. BACCATA (L.) Borkh., Siberian Crabapple.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn, Crown Gall.
Washington.

- M. IOENSIS (Wood) Britton, Western Crabapple.
Gymnosporangium juniperi-virginiana Schw., Cedar Rust. Hinds,
Marshall, Webster, and Yazoo.

- M. SYLVESTRIS Mill., Apple.
Armillaria mellea Vahl. ex Fries, Root Rot. Oktibbehah.
Cercospora mali Ell. & Ev., Leaf Spot. Tunica.
Corticium ochroleucum (Noack) Burt. Jackson.
Corticium stevensii Burt., Leaf Blight. George.
Gloeodes pomigena (Sacc.) Colby, Sooty Blotch. Tunica.
Glomerella cingulata (Stonem.) Spauld. & Schrenk, Bitter Rot.
Harrison.
Gymnosporangium juniperi Lk., Rust. Washington.
Gymnosporangium juniperi-virginiana Schw., Cedar Rust. Calhoun,
Lee, Oktibbehah, Scott, and Yazoo.
Hypochnus ochroleucus Neack. Prentiss.
Leptothyrium pomi (M. & F.) Sacc., Fly Speck. Oktibbehah.
Nummularia discreta (Schw.) Tul., Blister Canker. Washington.
Phyllosticta solitaria Ell. & Ev., Blotch. Adams, Jones, New-
ton, Scott, Tippah, and Union.
Physalospora cydoniae Arnaud, Black Rot, Canker, Leaf Spot.
Chickasaw, Oktibbehah, and Smith.
Physalospora malorum (Pk.) Shear, Black Rot, Frog-eye. Attala,
DeSoto, and Marion.
Podosphaera oxycanthae (DC.) DBy., Powdery Mildew. Claiborne.
Septobasidium pedicillatum (Schw.) Pat., Canker. Tishomingo.
Septobasidium pseudopedicellatum Burt, Girdle and Canker.
Choctaw, Lauderdale, and Lee.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Launder-
dale.
Sphaeropsis malorum Pk. Forrest.
Venturia inaequalis (Cke.) Wint., Scab. Simpson..

- M. SP., Apple.
Corticium salmonicolor Berk. & Br. Jackson.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Lee,
Tippah, and Webster.

MALUS--cont.

M. SP., Flowering Crabapple.

Gymnosporangium juniperi-virginiana Schw., Cedar Rust. Warren
and Yazoo.

MALVA

M. ROTUNDIFOLIA L., Running Mallow.

Cercospora althaeina Sacc., Leaf Spot. Jackson.

MEDICAGO

M. ARABICA (L.) Huds., Spotted Medic.

Ascochyta pisii Lib., Blight. Oktibbeha.

Cercospora medicaginis Ell. & Ev., Leaf Spot. Bolivar, Oktibbeha, and Washington.

Cercospora zebrina Pass., Leaf Spot. Bolivar and Washington.

Pleospora herbarum (Fr.) Rabh., Leaf Spot.

M. HISPIDA Gaertn., Toothed Medic, Bur Clover.

Cercospora medicaginis Ell. & Ev., Leaf Spot. Oktibbeha.

Cercospora zebrina Pass., Leaf Spot. Oktibbeha.

M. SATIVA L., Alfalfa

Cercospora medicaginis Ell. & Ev., Leaf Spot. Clay.

Colletotrichum trifolii Bain, Anthracnose. Clay, Harrison, Jackson, Jones, Oktibbeha, and Washington.

Pseudopeziza medicaginis (Lib.) Sacc., Leaf Spot. Coahoma, Lafayette, Newton, Oktibbeha, Sharkey, Simpson, Tallahatchie, Washington, and Yazoo.

Pyrenopeziza medicaginis Fckl., Yellow Leaf Blotch. Humphreys, Newton, and Union.

Uromyces striatus Schr., Rust. Bolivar.

Urophlyctis alfalfae (Lagh.) Magn., Crown Wart. Clay.

MELIA

M. AZEDARACH L., Chinaberry.

Cercospora leucosticta Ell. & Ev., Leaf Spot. George and Stone.

Cercospora meliae Ell. & Ev., Leaf Spot. George and Stone.

Colletotrichum sp., Anthracnose. Harrison.

MELICA

M. MUTICA Walt., Narrow Melicgrass.

Puccinia coronata Cda., Crown Rust. Lamar.

Puccinia melicae (Erikss.) Syd., Rust. Lamar.

MENISPERMUM

M. CANADENSE L., Canada Moonseed.

Cercospora menispermi Ell. & Holw., Leaf Spot. Calhoun.

MESADENIA

- M. ATRIPLICIFOLIA (L.) Raf., Pale Indian Plantain.
Erysiphe cichoracearum DC., Powdery Mildew. Lafayette.

MIKANIA

- M. SCANDENS (L.) Willd., Climbing Hempweed.
Puccinia spegazzinii DeT., Rust. Harrison.

MIMULUS

- M. ALATUS Soland., Sharpwinged Monkeyflower.
Septoria mimuli Ell. & Kell., Leaf Spot. Bolivar and Oktibbeha.

MONARDA

- M. FISTULOSA L., Wild Bergamot.
Puccinia menthae Pers., Rust. Jones.

MORUS

- M. RUBRA L., Red Mulberry.
Cercospora moricola Cke., Leaf Spot. Lowndes.
Cercospora pulvinulata Sacc. & Wint., Leaf Spot. Lowndes.
Sclerotinia carunculoides Siegler & Jenkins, Popcorn Disease.
 Clarke, Hinds, Scott, and Washington.

M. SP.

- Pseudomonas mori (Boyer & Lambert) F. S. Stevens, Bacterial
 Blight. Panola.

MUHLENBERGIA

- M. MEXICANA (L.) Trin., Wirestem Muhly.
Puccinia muhlenbergiae Arth. & Holw., Rust. Choctaw.
Puccinia schedonnardi Kell. & Sw., Rust. Choctaw.

M. SCHREBERI Gmel., Nimblewill.

- Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Perry.

M. SP., Grass.

- Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Lauderdale.

MYOSOTIS

- M. MACROSPERMA Engelm., Spring Scorpion Grass.
Peronospora myosotidis DBy., Downy Mildew. Oktibbeha.
Puccinia eatoniae myosotidis Mains, Rust. Oktibbeha.
Puccinia rubigo-vera apocrypta (Ellis & Tr.) Arth., Rust.
 Oktibbeha.

MYRICA

- M. CARCLINENSIS Mill., Small Waxberry.
Asterella myricae Miles. Jackson.

MYRICA--cont.

- M. CERIFERA L., Southern Waxmyrtle.
Cercospora penicillus Ell. & Ev., Leaf Spot. George.
Mycosphaerella myricae Miles, Leaf Spot. Jackson.

NARCISSUS

- N. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale.
Septoria narcissi Cass., Leaf Spot.

NERIUM

- N. OLEANDER L., Common Oleander.
Gloeosporium oleandri Sacc., Leaf Spot. Harrison.
Macrosporium nerii Cke., Leaf Spot. Hinds.
Phyllosticta nerii West., Leaf Spot. Hancock.

NICOTIANA

- N. SP., Tobacco.
Cercospora nicotianae Ell. & Ev., Frog-eye. Pike.

NYMPHAEA

- N. SP., Waterlily.
Cercospora nympaeacea Cke. & Ell., Leaf Spot. Lincoln.

NYSSA

- N. SYLVATICA Marsh., Sour Gum.
Bjerkandera adusta (Willd. ex Fr.) Karst. Oktibbeha.
Sentobasidium patouillardii Burt. Harrison.
Stereum lobatum (Kze.) Fr. Stone.

- N. SP.
Glenospora curtisii B. & Desm. Washington.

OENOTHERA

- O. BIENNIS L., Common Evening-primrose.
Puccinia extensicola Plowr., Rust. George and Oktibbeha.
Puccinia peckii Kell., Rust. Oktibbeha.
Septoria oenotherae West., Leaf Spot. George and Pearl River.
- O. LACINIATA Hill, Cutleaf Evening-primrose.
Septoria oenotherae West., Leaf Spot. Carroll, George, Jackson, and Oktibbeha.
Synchytrium fulgens Schroet. Hinds.
Uromyces plumbarius Pk., Rust. Oktibbeha.

OPUNTIA

- O. SP., Pricklypear.
Gloeosporium cactorum Ston., Anthracnose. Forrest, Holmes, and Oktibbeha.
Gloeosporium opuntiae Ell. & Ev., Anthracnose. Perry.

OSMANTHUS

- O. AMERICANA (L.) Benth. & Hook., Devilwood, American Olive.
Meliola amphitricha Fr., Sooty Mold. Hancock.
Phyllosticta sinuosa Ell. & Martin, Leaf Spot. Wilkinson.
- O. FRAGRANS (Thunb.) Lour, Sweet Osmanthus.
Asterina sp. Hinds.

OSMUNDA

- O. CINNAMOMEA L., Cinnamon-Fern.
Lentostremella filicina (Berk. & Curt.) Sacc., Leaf Spot. Clay.

OSTRYA

- O. VIRGINIANA (Mill.) Willd., Ironwood.
Corticium oakesii Berk. & Curt. Franklin.
Diatrype albopruinosa (Schw.) Cke. & Ell. Noxubee.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.
Phyllactinia suffulta (Reb.) Sacc., Powdery Mildew. Lawrence and Newton.
Valsa ambiens (Pers.) Fr. Hinds.

OXALIS

- O. STRICTA L., Upright Yellow Woodsorrel.
Ustilago oxalidis Ell. & Tracy, Smut. Quitman.
- O. VIOLACEA L., Violet Woodsorrel.
Puccinia oxalidis (Lév.) Diet. & Ell., Rust. Yazoo.
Puccinia sorghi Schw., Rust. Clay, Hinds, Jefferson, Lauderdale, and Yazoo.

PAEONIA

- P. DELICATISSIMA, Peony.
Cladosporium paeoniae Pass., Leaf Mold. Coahoma and Lee.
- P. SP.
Botrytis paeoniae Oud., Blight. Bolivar.
Cladosprium paeoniae Pass., Leaf Mold. Coahoma, Hinds, Oktibbeha, and Pike.
Heterodera marioni (Cornu) Goodey, Root-knot. Lafayette, Leflore, and Tunica.
Leptothyrium peronae Br. & Cav., Leaf Spot. Coahoma.

PANICULARIA

- P. NERVATA (Willd.) Kuntze, Nerved Mannagrass.
Eoichloe typhina (P. ex Fr.) Tul. Pontotoc.

PANICUM

- P. AMARUM Ell., Small Seabeach Grass.
Phylloachora graminis (Pers. ex Fr.) Fckl., Black Spot. Washington.

PANICUM--cont.

- P. ANCEPS Michx., Beaked or Flatstemmed Panic-grass.
Hypocrella hypoxylon (Pk.) Sacc. Pearl River.
- P. CAPILLARE L., Common Witchgrass.
Puccinia emaculata Schw., Rust. Oktibbeha.
- P. DICHOTOMUM L., Forked Panic-grass.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Noxubee.
- P. HEMITOMUS Schult., Maidencane.
Physalospora oxystoma Sacc. & Ell. Hancock.
- P. PROLIFERUM Lam., Sprouting Panic-grass.
Sorosporium syntherismae (Pk.) Farl., Smut. Oktibbeha.
- P. VIRGATUM L., Switch Grass.
Uromyces graminicola Burr., Rust. Clarke.
- P. SP., Grass.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Oktibbeha.
- P. SP.
Dothichloë atramentosa (Berk. & Curt.) Atk., Black Crust. Jackson.
Ophiodesmus atramentosa (Berk. & Curt.) Earle. Jackson.
Sorosporium syntherismae (Pk.) Farl., Smut. Oktibbeha.

PARTHENOCISSUS

- P. QUINQUEFOLIA (L.) Planch., Virginia Creeper.
Cercospora rustula Cke., Leaf Spct. Jones.
Phyllosticta ampelopsisidis Ell. & Martin, Leaf Spot. Jackson
and Leflore.
Phyllosticta labruscae Thuem., Leaf Spot. Bolivar.
Phyllosticta viticola Sacc. & Speg., Leaf Spot. Jackson.
Uncinula necator (Schw.) Burr., Powdery Mildew. DeSoto.
- P. TRICUSPIDATA (Sieb. & Zucc.) Planch., Japanese Creeper.
Phyllosticta ampelopsisidis Ell. & Martin, Leaf Spot. Amite.

PASPALUM

- P. DILATATUM Poir., Dallis Grass.
Claviceps paspali Stev. & Hall, Ergot. Marion, Oktibbeha, and
Yazoo.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Lamar.
- P. URVILLEI Steud., Vasey Grass.
Puccinia levis (Sacc. & Bizz.) Magn., Rust. Lamar.
- P. SP.
Claviceps paspali Stev. & Hall, Ergot. Amite.
Puccinia levis (Sacc. & Bizz.) Magn., Rust. Harrison.

PELARGONIUM

- P. SP., Geranium
Cercospora brunkii Ell. & Gall., Leaf Spot. Hinds and Lauderdale.

PENSTEMON

- P. AUSTRALIS Small., Beardtongue.
Puccinia andropogonis Schw., Rust. Oktibbeha.
Septoria pentastemonis Ell. & Ev., Leaf Spot. Oktibbeha.

- P. DIGITALIS Nutt., Foxglove Beardtongue.
Septoria pentastemonis Ell. & Ev., Leaf Spot. Hinds.

- P. TUBIFLORUS Nutt., Funnel-form Beardtongue
Puccinia andropogonis Schw., Rust. Oktibbeha.

PERSEA

- P. BORBONIA (L.) Spreng., Redbay or Sweetbay.
Asterina delitescens Ell. & Martin. Jackson.
Coccoidella scutula (Berk. & Curt.) V. Hoehn. Harrison.
Meliola martiniana Gaill., Sooty Mold. George.
Phyllosticta micropuncta Cke., Leaf Spot. Adams and Jackson.
- P. PUBESCENS (Pursh) Sarg., Swamp Bay.
Asterina delitescens Ell. & Martin. Forrest.
Cercospora purpurea Cke., Leaf Spot. Harrison and Lincoln.
Meliola amphitricha Fr., Sooty Mold. Stone.
Meliola martiniana Gaill., Sooty Mold. Lincoln.

PHASEOLUS

- P. LUNATUS L., Lima Bean.
Cercospora canescens Ell. & Mart., Leaf Spot. Madison, Oktibbeha, and Pontotoc.
Colletotrichum lindemuthianum (Sacc. & Magn.) Briosi & Cav., Anthracnose. Copiah.
Colletotrichum truncatum (Schw.) Andrus & Moore, Anthracnose. Hinds and Oktibbeha.
Diaporthe phaseolorum (Cke. & Ell.) Sacc., Pod Blight. Clarke and Pearl River.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Harrison, Holmes, Humphreys, Issaquena, Lauderdale, Leake, Leflore, Sharkey, Sunflower, Tate, and Washington.
Nematospora phaseoli Wingard, Yeast Spot. Holmes.
Sclerotium rolfsii Sacc., Southern Blight.
Uromyces phaseoli typica Arth., Rust. Yazoo.
- P. VULGARIS L., Bean.
Cercospora cruenta Sacc., Leaf Spot. Copiah.
Colletotrichum lindemuthianum (Sacc. & Magn.) Briosi & Cav., Anthracnose. Amite.

PHASEOLUS--cont.

P. VULGARIS--cont.

Corticium vagum Berk. & Curt., Stem Rot. Lauderdale, Panola, and Scott.

Erysiphe polygoni DC., Powdery Mildew.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Holmes, Humphreys, Jackson, Kemper, Lauderdale, Leake, Lowndes, Monroe, Neshoba, Newton, Washington, and Wayne.

Isariopsis griseola Sacc., Angular Leaf Spot. Amite.

Macrophomina phaseoli (Maubl.) Ashby, Ashy Stem Blight. Rankin.

Phyllosticta phaseolina Sacc., Leaf Spot. Oktibbeha.

Pseudomonas medicaginis var. phaseolicola (Burkh.) Stapp & Kotte, Halo Blight.

Pythium sp., Stem Tip Blight.

Rhizoctonia microsclerotia Mattz., Leaf Blight.

Rhizoctonia solani Kuehn, Stem Canker.

Sclerotium rolfsii Sacc., Southern Blight. Jones and Washington.

Uromyces appendiculatus Fr., Rust.

Uromyces phaseoli typica Arth., Rust. Calhoun, Holmes, Jackson, Lauderdale, Pearl River, and Warren.

Virus, Mosaic.

Xanthomonas phaseoli (E. F. Sm.) Dowson, Bacterial Blight. Oktibbeha.

P. SP., Snap Bean.

Uromyces phaseoli typica Arth., Rust. Hinds, Jackson, and Rankin.

P. SP., Bean.

Amerosporium oeconomicum Ell. & Tracy, Leaf Spot. Harrison.

Cercospora cruenta Sacc., Leaf Spot. Harrison.

Diaporthe phaseolorum (Cke. & Ell.) Sacc., Pod Blight. Jackson.

PHLEUM

P. PRATENSE L., Timothy.

Ustilago striiformis (West.) Niessl, Smut. Rankin.

PHLOX

P. PANICULATA L., Garden Phlox.

Erysiphe cichoracearum DC., Powdery Mildew. Tippah and Winston.

P. SP.

Cercospora phlogina Pk., Leaf Spot. Bolivar and Coahoma.

Septoria divaricatae Ell. & Ev., Leaf Spot. Prentiss.

Vermicularia phlogina Fairman. Coahoma.

PHOENIX

P. CANARIENSIS Chaub., Canary Date Palm.

Exosporium palmivorum Sacc., Leaf Spot. Claiborne.

Pestalozzia palmicola Sacc. & Syd., Leaf Spot. Jefferson Davis.

PHOENIX--cont.

P. DACTYLIFERA L., Date Palm.

Exosporium palmivorum Sacc., Leaf Spot. Harrison.

Graphiola phoenicis (Moug.) Poit., False Smut. Harrison, Jackson, Leake, and Pike.

P. SP.

Exosporium palmivorum Sacc., Leaf Spot. Harrison.

PHRYMA

P. LEPTOSTACHYA L., American Lopseed.

Septoria leptostachiae Ell. & Kell., Leaf Spot. Perry.

PHYLLOSTACHYS

P. SP., Bamboo.

Ustilago shiraiana Hem., Smut. Sharkey.

PHYSALIS

P. LANCEOLATA Michx., Prairie Groundcherry.

Aecidium physalidis Burr., Rust. DeSoto.

P. VIRGINIANA Mill., Virginia Groundcherry.

Entyloma physalidis (Klebh. & Cke.) Wint. Yalobusha.

PINUS

P. CARIBAEA Morelet, Slash Pine.

Coleosporium vernoniae Berk. & Curt., Rust. Harrison.

Cronartium quercuum (Berk.) Miy., Rust. Oktibbeha.

Hypoderma lethale Dearn. Hancock.

P. ECHINATA Mill., Yellow or Shortleaf Pine.

Coleosporium solidaginis (Schw.) Thuem., Rust. Lauderdale.

Hypoderma hedgcockii Dearn., Chickasaw.

Hypoderma lethale Dearn. Marshall.

P. PALUSTRIS Mill., Longleaf Pine.

Coleosporium delicatulum (Arth. & Kerr) Hedgec. & Long, Rust.

Harrison and Hinds.

Coleosporium elephantopodis (Schw.) Thuem., Rust. George.

Coleosporium ipomoeae (Schw.) Burr., Rust. George and Oktibbeha.

Coleosporium vernoniae Berk. & Curt., Rust. Lamar and Oktibbeha.

Cryptosporium acicola Thuem. Harrison.

Lochodermium australe Dearn. Harrison.

Stilbospora pinnicola Berk. & Curt. Simpson.

P. TAEDA L., Loblolly Pine.

Coleosporium solidaginis (Schw.) Thuem., Rust. Oktibbeha.

Cronartium quercuum (Berk.) Miy., Rust. Oktibbeha.

Lophodermium australe Dearn. Scott.

PINUS--cont.

P. TAEDA--cont.

Peridermium cerebrum Pk., Rust. Oktibbeha.Scolecodothis pinicola Miles. Oktibbeha.Systemma acicola (Dearn.) Wolf & Barbour, Brown Spot.

P. VIRGINIANA Mill., Scrub Pine.

Hypoderma hedgcockii Dearn. Union.

P. SP.

Polyporus schweinitzii Fr., Root Rot. Wilkinson.

PISUM

P. SATIVUM L., Garden Pea.

Ascochyta pinodella Jones, Leaf and Stem Spot.Ascochyta pisi Lib., Blight. Claiborne, Stone, and Yazoo.Erysiphe polygoni DC., Powdery Mildew. Adams, Amite, Forrest, George, Jackson, Sunflower, and Yazoo.Peronospora viciae (Berk.) DBy., Downy Mildew. Copiah.Rhizoctonia sp., Stem Canker.Septoria pisi Westd., Leaf Spot.

P. SATIVUM var. ARVENSE Poir., Austrian Winter Pea.

Pseudomonas pisi Sackett, Bacterial Blight. Attala and Winston.

P. SP., Pea.

Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Jasper, Leake, Leflore, Neshoba, Sunflower, and Tippah.

PITTOSPORUM

P. SP.

Cercospora sedoides Ell. & Ev., Leaf Spot. Leflore.Cercospora sp., Leaf Spot. Leflore.Phyllosticta sp., Leaf Spot. Hinds.

PLANTAGO

P. MAJOR L., Rippleseed Plantain.

Erysiphe cichoracearum DC., Powdery Mildew. Webster.Peronospora alta Fckl., Downy Mildew. Lafayette.Ramularia plantaginis Ell. & Martin, Leaf Spot. Yazoo.

PLATANUS

P. OCCIDENTALIS L., Sycamore.

Diatrypella prominens Howe. Marshall.Eutypella platani (Schw.) Sacc. Clay.Exosporium platani Otth., Leaf Spot. Oktibbeha.Gloeosporium nervisequum (Fckl.) Sacc., Leaf Spot. Oktibbeha.Gnomonia veneta (Sacc. & Speg.) Kleb., Anthracnose. Smith and Clarke.

POA

- P. PRATENSIS L., Kentucky Bluegrass.
Erysiphe graminis DC., Powdery Mildew. Oktibbeha.
- P. SP.
Phyllachora graminis (Pers. ex Fr.) Fckl., Black Spot. Jackson.

PODOPHYLLUM

- P. PELTATUM L., Common Mayapple.
- Macrosporium podophylli Ell. & Ev., Leaf Spot. Oktibbeha.
- Phyllosticta podophylli (Curt.) Wint., Leaf Spot. Oktibbeha.
- Puccinia podophylli Schw., Rust. Lafayette and Wilkinson.
- Septoria podophyllina Pk., Leaf Spot. Bolivar, Oktibbeha, and Winston.

POLYGALA

- P. LUTEA L., Yellow Milkwort.
- Cercospora grisea Cke. & Ell., Leaf Spot. Stone.
- Cercospora minuta Cke. & Ell., Leaf Spot. Stone.

POLYGONUM

- P. ACRE H.B.K., Smartweed.
- Puccinia polygoni-amphibii Pers., Rust. Harrison.
- Ustilago utriculosa (Nees) Tul., Smut. Sharkey.
- P. CILIÖDE Michx., Blackfringe Bindweed.
- Ustilago anomala J. Kunze, Smut. Washington.
- P. CRISTATUM (Engelm. & Gray) Small, Crested False Buckwheat.
- Puccinia polygoni-amphibii Pers., Rust. Jackson.
- P. ERECTUM L., Erect Knotweed.
- Erysiphe cichoracearum DC., Powdery Mildew. Oktibbeha.
- Uromyces polygoni (P.) Fckl., Rust. Clay.
- P. HYDROPIPER L., Marshpepper Smartweed.
- Septoria polygonorum Desm., Leaf Spot. Tallahatchie.
- Sphacelotheca hydropiperis (Schum) DBy., Smut. Leflore.
- P. HYDROPIPEROIDES Michx., Swamp Smartweed.
- Ustilago utriculosa (Nees) Tul., Smut. Holmes.
- P. LAPATHIFOLIU L., Curltop Ladysthumb.
- Ustilago utriculosa (Nees) Tul., Smut. Attala and Sharkey.
- P. PENNSYLVANICUM L., Pennsylvania Smartweed.
- Puccinia polygoni-amphibii Pers., Rust. Harrison.
- Septoria polygonorum Desm., Leaf Spot. Oktibbeha.
- Ustilago utriculosa (Nees) Tul., Smut. Rankin and Winston.
- P. PERSICARIA L., Spotted Ladysthumb.
- Puccinia polygoni-amphibii Pers., Rust. Stone.
- Septoria polygonorum Desm., Leaf Spot. Stone.

POLYGONUM--cont.

- P. SCANDENS L., Climbing False Buckwheat.
Puccinia polygoni-amphibii Pers., Rust. Lafayette.
- P. SP., Knotweed.
Uromyces polygoni (P.) Fckl., Rust. Clay.
- P. SP.
Septoria polygonorum Desm., Leaf Spot. Carroll.

PONCIRUS

- P. TRIFOLIATA, Trifoliate Orange.
Colletotrichum gloeosporioides Penz., Wither Tip. Jackson.

POPULUS

- P. DELTOIDES Marsh., Eastern Poplar, Cottonwood.
Cylindrosporium oculatum Ell. & Ev., Leaf Spot. Wayne.
Melampsora medusae Thuem., Rust. Choctaw, Clay, and Oktibbeha.
Uredo medusae Arth., Rust. Choctaw.
- P. NIGRA L., Black Poplar.
Marssonia rhabdospora Ell. & Ev., Leaf Spot. Franklin, Panola, and Rankin.
- P. TREMULOIDES Michx., American Aspen.
Marssonia populi (Lib.) Sacc., Leaf Spot. Hancock.
Uncinula salicis (DC.) Wint., Powdery Mildew. Jasper.
- P. SP.
Cytospora nivea Sacc. Harrison.
Melampsora sp., Rust. Washington.

PORTULACA

- P. OLERACEA L., Common Purslane.
Cystopus portulacae (DC.) Lév. Leake.

POTENTILLA

- P. CANADENSIS L., Common Cinquefoil.
Frommea obtusa (Str.) Arth. Lafayette and Oktibbeha.
Taphrina potentillae (Farl.) Johans. Pontotoc.
- P. MONSPELIENSIS L., Rough Cinquefoil.
Mollisia dehnii (Rabh.) Karst. Oktibbeha.

PRENANTHES

- P. ALBA L., White Rattlesnake-Root.
Septoria nabali Berk. & Curt. Oktibbeha.

PRUNELLA

- P. VULGARIS L., Common Selfheal.
Septoria brunellae Ell. & Holw., Leaf Spot. Jefferson Davis.
Sphaerotheca castagñeae Lév., Powdery Mildew. Oktibbeha.

PRUNUS

- P. AMERICANA Marsh., American Plum.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Grenada
 and Oktibbeha.
- Sentobasidium retiforme (Berk. & Curt.) Pat., Canker. Oktibbeha.
- Taphrina mirabilis (Atk.) Gies., Hinds, Jones, and Oktibbeha.
- Taphrina pruni (Fckl.) Tui., Plum Pockets. Bolivar and Sun-
 flower.
- Tranzschelia pruni-spinosae (Pers.) Diet., Rust. Holmes.
- P. ANGUSTIFOLIA Marsh., Chickasaw Plum.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Holmes.
- Puccinia pruni-spinosae Pers., Rust. Oktibbeha.
- Taphrina mirabilis (Atk.) Gies. Attala and Lauderdale.
- P. ANGUSTIFOLIA WATSONI, Sand Chickasaw Plum.
Cercospora circumscissa Sacc., Shot-hole. Harrison.
- P. CERASUS L., Sour Cherry.
Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Marion and
 Marshall.
- Phyllosticta prunicola Sacc., Leaf Spot. Grenada.
- Podosphaera oxyacanthae (DC.) DBy., Powdery Mildew. Greene.
- Puccinia pruni-spinosae Pers., Rust. Lauderdale and Oktibbeha.
- Tranzschelia pruni-spinosae (Pers.) Diet., Rust. Lauderdale.
- P. DEMISSA (Nutt.) Walp., Chokecherry.
Diplodina pruni Ell. & Barth. Pearl River.
- P. DOMESTICA L., Garden Plum.
Cercospora cerasella Sacc., Leaf Spot. Harrison and Oktibbeha.
- Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Newton.
- Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Jackson.
- P. LAUROCERASUS L., Common Laurelcherry.
Coccomyces lutescens Higg., Leaf Spot. Coahoma.
- Cylindrosporium padi Karst., Leaf Spot. Coahoma.
- Xanthomonas pruni (E. F. Sm.) Dowson, Black Spot. Yazoo.
- P. PERSICA (L.) Batsch, Peach.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn., Crown Gall.
 Holmes.
- Cercospora circumscissa Sacc., Shot-hole. Harrison.
- Cercospora persicae Sacc., Leaf Spot. Marion.
- Cercosporella persicae Sacc., Frosty Mildew. Marion, Marshall,
 and Pontotoc.
- Cladosporium carpophilum Thuem., Scab. Clarke and Sunflower.
- Coryneum beyerinckii Oud., Blight. Lauderdale and Smith.
- Heterodera marioni (Cornu) Goodey, Root-knot. Chickasaw, Jones,
 Lauderdale, Leflore, Lincoln, Monroe, Pike, Union, and Wayne.
- Phytomonas pruni (E. F. Smith) Berget et al., Shot Hole.

PRUNUS--cont.

P. PERSICA--cont.

Pseudomonas pruni E. F. Sm., Bacterial Spot. Forrest.
Puccinia pruni-spinosae Pers., Rust. Harrison, Newton, and Oktibbeha.

Sclerotinia fructicola (Wint.) Rehm., Brown Rot.

Septobasidium pseudoedecellatum Burt, Girdle and Canker. George.

Taphrina deformans (Fcl.) Tul., Leaf Curl. Alcorn, Bolivar. Marshall, Monroe, Pontotoc, Prentiss, and Tishomingo.

Tranzschelia pruni-spinosae (Pers.) Diet., Rust.

Tranzschelia punctata Arth., Rust. Coahoma and Marion.

Valsa leucostoma (Pers.) Fr., Die-back. Lincoln and Sunflower.

Xanthomonas pruni (E. F. Sm.) Dowson, Black Spot. Lincoln and Washington.

P. SEROTINA Ehrh., Black Cherry.

Cylindrosporium lutescens Higg., Leaf Spot. Oktibbeha.

Cylindrosporium padi Karst., Leaf Spot. Leake.

Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Oktibbeha.

Leptothyrium cinctum Cke. Stone.

Phyllosticta serotina Cke., Leaf Spot. Harrison, Newton, Oktibbeha, and Tate.

Sclerotinia fructicola (Wint.) Rehm., Brown Rot. Sunflower.

Taphrina deformans (Fcl.) Tul., Leaf Curl. Newton.

P. SIMONII Carr., Apricot Plum.

Puccinia pruni-spinosae Pers., Rust. Bolivar.

P. SPINOSA L., Blackthorn.

Puccinia pruni-spinosae Pers., Rust. Lauderdale.

P. SP., Apricot.

Tranzschelia pruni-spinosae (Pers.) Diet., Rust. Jones.

P. SP., Cherry.

Cylindrosporium padi Karst., Leaf Spot. Marshall and Noxubee.

Podosphaera oxyacanthae (DC.) DBy., Powdery Mildew. Marion.

Puccinia pruni-spinosae Pers., Rust. Sunflower.

P. SP., Plum.

Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Leake.

Puccinia pruni-spirosae Pers., Rust. Hinds.

Sclerotinia fructicola (Wint.) Rehm., Brown Rot.

Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Jackson.

Tranzschelia pruni-spinosae (Pers.) Diet., Rust.

Xanthomonas pruni (E. F. Sm.) Dowson, Black Spot. Pearl River.

P. SP., Green Gage Plum

Cocomyces prunophorae Higg., Shot-hole, Leaf Spot. Marion and Oktibbeha.

PRUNUS--cont.

- P. SP., Japanese Plum.
Dibotryon morbosum (Schw.) Theiss. & Syd., Black Knot. Lawrence and Lee.
- P. SP., Wild Cherry.
Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Hinds.
- P. SP.
Coccomyces hiemalis Higg., Leaf Spot, Shot-hole. Calhoun and Itawamba.
Taphrina pruni (Fckl.) Tul., Plum Pockets. Attala.
Taphrina sp., Oktibbeha.

PTERIDIUM

- P. AQUILINUM (L.) Kuhn., Bracken.
Cryptomyces pteridis (Reb. ex Fr.) Rehm. Copiah and Forrest.
Uredinopsis macrosperma (Cke.) Magn., Rust. Jackson.

PTERIS

- P. CRETICA L., Fern.
Phyllosticta pteridis Halst., Leaf Spot.
- P. SP.
Uredo pteridis Diet. & Holw., Rust. Jackson.

PUERARIA

- P. THUNBERGIANA (Sieb. & Zucc.) Benth., Kudzu.
Bacterium puerariae Hedges, Halo Blight. State-wide.
Cercospora pueraricola Yamamoto. Carroll, Marshall, Newton, and Union.
Heterodera marioni (Cornu) Goodey, Root-knot. Kemper and Lauderdale.
Pseudomonas medicaginis var. phaseolicola (Burkh.) Stapp & Kotte, Halo Blight.
Rhizoctonia microsclerotia Matz, Leaf Blight.

PUNICA

- P. SP., Pomegranate.
Heterodera marioni (Cornu) Goodey, Root-knot. Yazoo.

PYRRHOPAPPUS

- P. CARCLINTIANUS (Walt.) DC., Leafstem False Dandelion.
Puccinia hieracii (Schum.) Mart., Rust. Hinds, Stone, and Washington.
Puccinia pyrrhopappi Syd., Rust. Washington.

PYRUS

- P. COMMUNIS L., Common Pear.
Armillaria mellea Vahl. ex Fries, Root Rot.

PYRUS--cont.

P. COMMUNIS--cont.

Bacillus amylovorus (Burr.) DeT., Fire Blight, Benton, Harrison, and Pearl River.

Cercospora minima Tracy & Earle, Leaf Spot.

Corticium salmonicolor Berk. & Br., Twig Blight.

Entomosporium maculatum Lév., Leaf Blight.

Fabraea maculata (Lév.) Atk., Leaf Blight. Hinds.

Gloeosporium perennans Zeller & Childs, Perennial Canker. Oktibbeha.

Heterodera marioni (Cornu) Goodey, Root-knot.

Phyllosticta pyrorum Cke., Leaf Spot. Pearl River.

Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Pike.

Septoria piricola Desm., Leaf Spot. Lauderdale.

P. SINENSIS Lindl., Sand Pear.

Corticium stevensii Burt, Leaf Blight. Harrison.

Fabraea maculata (Lév.) Atk., Leaf Blight. George and Harrison.

Mycosphaerella sentina (Fr.) Schroet., Leaf Soot. Harrison, Jackson, Lee, and Pearl River.

Physalospora cydoniae Arnaud, Black Rot, Canker, Leaf Spot. Hancock, Harrison, Lawrence, and Webster.

Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Forrest, George, Greene, Harrison, and Jackson.

Septoria piricola Desm., Leaf Spot. Harrison.

P. SP.

Fabraea maculata (Lév.) Atk., Leaf Blight. Amite.

QUAMOCLIT

Q. PENNATA, Cypressvine.

Coleosporium ipomoeae (Schw.) Burr., Rust. Coahoma and Oktibbeha.

QUERCUS

Q. ALBA L., White Oak.

Diaporthe leiphaemia (Fr.) Sacc. Covington.

Gloeosporium canadense Ell. & Ev., Leaf Spot. Scott.

Marssonia martini Sacc. & Ell., Leaf Spot. Lafayette.

Microsphaera quercina (Schw.) Burr., Powdery Mildew. Oktibbeha.

Q. CINEREA Michx., Bluejack Oak.

Meliola manca Ell. & Martin, Sooty Mold. Jackson.

Q. COCCINEA Muench., Scarlet Oak.

Microsphaera alni (DC.) Wint., Powdery Mildew. Lawrence.

Q. FALCATA Michx., Spanish Oak.

Leptothyrium dryinum Sacc., Leaf Spot. Perry.

QUERCUS--cont.

- Q. LAURIFOLIA Michx., Laurel Oak.
Trabutia quercina (Rud.) Sacc. & Roum. Jackson.
- Q. MACROCARPA Michx., Bur Oak.
Ceratophorum uncinatum (Clint.) Sacc. Clarke.
Marssonnia martini Sacc. & Ell., Leaf Spot. Pearl River.
- Q. MARILANDICA Muench., Blackjack Oak.
Cronartium quercuum (Berk.) Miy., Rust. Lafayette.
Marssonnia martini Sacc. & Ell., Leaf Spot. Oktibbeha.
Taphrina coerulescens (Desm. & Mont.) Tul., Leaf Curl, Leaf Blister. Oktibbeha.
- Q. MUHLENBERGII Engelm., Yellow Oak.
Marssonnia quercus Pk., Leaf Spot. Clarke.
- Q. MYRTIFOLIA Willd., Myrtle Oak.
Trabutia quercina (Rud.) Sacc. & Roum. Cat Island.
- Q. NIGRA L., Water Oak.
Taphrina coerulescens (Desm. & Mont.) Tul., Leaf Curl, Leaf Blister. Copiah, George, Harrison, and Jackson.
Trabutia quercina (Rud.) Sacc. & Roum. Harrison.
- Q. PRIMOIDES Willd., Dwarf Chestnut Oak.
Marssonnia martini Sacc. & Ell., Leaf Spot. Oktibbeha.
Microsphaera quercina (Schw.) Burr., Powdery Mildew. DeSoto.
- Q. PRINUS L., Rock Chestnut Oak.
Marssonnia martini Sacc. & Ell., Leaf Spot. Wayne.
- Q. RUBRA L., Red Oak.
Gloeosporium nervisequum (Eckl.) Sacc., Leaf Spot. Union.
- Q. STELLATA Wang., Post Oak.
Leptothyrium dryinum Sacc., Leaf Spot. George.
Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Oktibbeha.
- Q. VELUTINA Lam., Black Oak.
Microsphaera densissima (Schw.) Cke. & Pk., Powdery Mildew. Oktibbeha.
Valsa lutescens Ell. Benton.
- Q. VIRGINIANA Mill., Live Oak.
Cronartium quercuum (Berk.) Miy., Rust. Harrison.
Meliola manca Ell. & Martin, Sooty Mold. Jackson.
Polyporus gilvus Fr. Harrison.
Trabutia quercina (Rud.) Sacc. & Roum. Harrison and Jackson.
- Q. SP., Turkey Oak.
Taphrina sp. Noxubee

QUERCUS--cont.

Q. SP.

- Ascomycetella quercina Pk. Simpson.
Coccomyces dentatus (Schw. ex Fr.) Sacc., Leaf Spot. Choctaw.
Diatrype albopruinosa (Schw.) Cke. & Ell. Madison.
Hypoderma ilicinum DeN. Winston.
Hypoxyylon annulatum (Schw.) Mont. Jasper and Scott.
Hypoxyylon atropunctatum (Schw. ex Fr.) Cke. Adams.
Hypoxyylon malleolus Berk. & Rav. Oktibbeha.
Hypoxyylon punctulatum Berk. & Rav. Madison.
Marssonia martini Sacc. & Ell., Leaf Spot. Oktibbeha.
Monochaetia desmazierii Sacc., Leaf Spot. Leake.
Nummularia punctulata (Berk. & Rav.) Sacc., Canker. Monroe.
Polyporus cinnebarinus (Jacq.) Fr. Newton.
Polyporus fumosus (Pers.) Fr. Pike.
Polyporus hirsutus (Wulf.) Fr. Holmes.
Poria rufa Schrad. var. lilacina Rab. Coahoma.
Septobasidium pedicillatum (Schw.) Pat., Canker. Simpson.
Septobasidium retiforme (Berk. & Curt.) Pat., Canker. Jones.
Septoria neglecta Earle, Leaf Spot. Jackson.
Taphrina coerulescens (Desm. & Mont.) Tul., Leaf Curl, Leaf Blister. Harrison, Jackson, and Pearl River.
Xylaria hypoxylon (L.) Grev. Adams.

RANUNCULUS

- R. ABORTIVUS L., Littleleaf Buttercup.
Dicacoma eatoniae Arth., Rust. Oktibbeha.
Erysiphe communis (Wallr.) Fr., Powdery Mildew. Oktibbeha.
Puccinia eatoniae Arth., Rust. George and Oktibbeha.
- R. SEPTENTRICINALIS Poir., Swamp Buttercup.
Didymaria ungeri Sacc., Leaf Spot. Oktibbeha.
Ramularia ranunculi Pk., Leaf Spot. Calhoun.

RAPHANUS

- R. SATIVUS L., Garden Radish.
Peronospora parasitica (Pers.) DBy., Downy Mildew. Jackson.
- R. SP., Radish.
Heterodera marioni (Cornu) Goodey, Root-knot. Attala.

RESEDA

- R. ODORATA L., Common Mignonette.
Cercospora resedae Fckl., Leaf Spot. Greene and Marion.

RHEUM

- R. RHAPONTICUM L., Garden Rhubarb.
Phyllosticta rheo Ell. & Ev., Leaf Spot. Stone.

RHEXIA

- R. MARIANA L., Maryland Meadowbeauty.
Cercospora erythrogena Atk., Leaf Spot. Harrison.

RHODODENDRON

- R. INDICUM Sweet., Indica Azalea.
Exobasidium azaleae Pk., Leaf Gall. Pike.
- R. VISCOSUM (L.) Torr., Swamp Azalea.
Exobasidium vaccinii (Fckl.) Wor., Leaf Gall. Perry.
Ramularia angustata Pk., Leaf Spot. Perry.
- R. SP., Azalea.
Collectotrichum sp., Anthracnose. Copiah.
Exobasidium azaleae Pk., Leaf Gall. Adams, Lauderdale,
 Leflore, Marion, and Washington.
Exobasidium vaccinii (Fckl.) Wor., Leaf Gall. Copiah, George,
 and Wayne.

RHUS

- R. COPALLINA L., Dwarf Black Sumac.
Tachrina purpurascens (Ell. & Ev.) Robinson. Yazoo.
- R. GLABRA L., Smooth Sumac.
Cercospora rhoina Cke. & Ell., Leaf Spot. Harrison and Holmes.
- R. TOXICODENDRON L., Poison-Ivy.
Cylindrosporium toxicodendri (Curt.) Ell. & Ev., Leaf Spot.
 Oktibbehé.
Discosia artocreas Tode ex Fr., Leaf Spot. Pearl River.
Phyllosticta rhoicola Ell. & Ev., Leaf Spot. George.
Phyllosticta toxica Ell. & Martin, Leaf Spot. George.
Pileolaria toxicodendri (Berk. & Rav.) Arth. Adams, Harrison,
 and Oktibbehé.
Podosporium rigidum Schw. Oktibbehé.
- R. TYPHINA L., Staghorn Sumac.
Cladosporium nervale Ell. & Dearn., Leaf Mold. Forrest.
Septoria rhoina Berk. & Curt., Leaf Spot. Lincoln.

RHYNCHOSIA

- R. ERECTA DC., Erect Rhynchosia.
Parodiella perisporioides (Berk. & Curt.) Speg., Black Spot.
 Jones and Rankin.
Phyllosticta rhynchosiae Miles, Leaf Spot. Marion.

RIBES

- R. ODORATUM Wendl., Clove Currant.
Puccinia caricis (Schum.) Schroet., Rust. Hinds.
- R. TRISTE Pall., American Red Currant.
Cercospora ribicola Ell. & Ev., Leaf Spot. Warren.

RIBES--cont.

- R. VULGARE Lam., Red Garden Currant.
Septoria ribis Desm., Leaf Spot. Lawrence.
R. SP.
Dothidella ribesia (Pers.) Theiss. & Syd. Tippah.

ROBINIA

- R. PSEUDOACACIA L., Black Locust.
Camarosporium robiniae (West) Sacc. Sunflower.
Melanconium viscosum Sebu., Canker. Copiah.

RORIPA

- R. ARMORACIA (L.) A. Hitchc., Horseradish.
Ramularia armoraciae Fckl., Leaf Spot. Stone.

ROSA

- R. CAROLINA L., Wild Rose.
Phragmidium speciosum (Fr.) Cke., Rust. Lafayette and Oktibbeha.
R. VIRGINIANA Mill., Virginia Rose.
Phragmidium speciosum (Fr.) Cke., Rust. Oktibbeha.
R. SP., Rose.
Cercospora rosicola Pass., Leaf Spot. Amite, Claiborne, Clarke,
Coahoma, Copiah, George, Noxubee, Oktibbeha, and Yalobusha.
Cladosporium fuscum Lk., Leaf Spot. Lauderdale.
Coniothyrium fuckelii Sacc., Stem Canker. Leake, Scott, and
Sharkey.
Coniothyrium wernsdorffiae Laub. Oktibbeha.
Diplocarpon rosae Wolf., Black Spot. Coahoma, Greene, Hancock,
Lauderdale, Monroe, Neshoba, and Oktibbeha.
Heterodera marioni (Cornu) Goodey, Root-knot. Washington.
Pestalozzia suffocata Ell. & Ev., Leaf Spot. Simpson.

R. SP.

- Diaporthe umbrina Jenk., Canker. Oktibbeha.
Gloeosporium rosae Halst., Twig Blight. Coahoma and Jones.
Sclerotinia sp., Blight. Holmes.
Sphaerotheca humuli (DC.) Burr., Powdery Mildew. Hinds and Coahoma.
Sphaerotheca pannosa (Wallr.) Lev., Powdery Mildew. Hinds,
Jones, Madison, and Wilkinson.

RUBUS

- R. ALLEGHENIENSIS Porter, Mountain Blackberry.
Plectodiscella veneta Burk., Anthracnose. Covington.
R. IDAEUS var. STRIGOSUS Maxim., Wild Red Raspberry.
Plectodiscella veneta Burk., Anthracnose. Lowndes.

RUBUS--cont.

- R. OCCIDENTALIS L., Black Raspberry.
Cylindrosporium rubi Ell. & Morg., Leaf Spot. Tallahatchie.
Gymnoconia interstitialis Lagerh., Rust. Lauderdale.
- R. PROCUMBENS Muhl., Dewberry.
Gloeosporium rubi Ell. & Ev., Anthracnose. Oktibbeha.
Gymnoconia interstitialis Lagerh., Rust. Harrison, Jackson,
and Oktibbeha.
Gymnoconia peckiana (Howe) Trott., Rust. Harrison and Oktibbeha.
Kuehneola uredinis (Link.) Arth., Rust. Alcorn, Covington, and
Oktibbeha.
Kunkelia nitens (Schw.) Arth., Rust. Oktibbeha.
Septoria rubi West., Leaf Spot. Oktibbeha.
- R. TRIVIALIS Michx., Low Bush Blackberry, Southern Dewberry.
Cercospora rubi Sacc., Blotch. Oktibbeha.
Kuehneola uredinis (Link.) Arth., Rust. Harrison.
Plectodiscella veneta Burk., Anthracnose. Webster.
Septoria rubi West., Leaf Spot. Oktibbeha.
- R. SP., Blackberry.
Gymnoconia interstitialis Lagerh., Rust. Washington.
Gymnoconia peckiana (Howe) Trott., Rust. Oktibbeha.
- R. SP., Boysenberry.
Agrobacterium tumefaciens (E. F. Sm. & Town.) Conn., Crown Gall.
Oktibbeha.
Mycosphaerella rubi Roark, Leaf Spot. Chickasaw.
- R. SP., Dewberry.
Cercospora rubi Sacc., Blotch. Hinds, Lee, and Oktibbeha.
- R. SP., Raspberry.
Leptosphaeria coniothyrium (Fckl.) Sacc., Cane Blight. Noxubee.
Mycosphaerella rubi Roark, Leaf Spot. Monroe.
Phragmidium imitans Arth., Rust. Copiah.
Phragmidium rubi-idaei (Pers.) Wint., Rust. Copiah.
- R. SP., Youngberry.
Fusarium rubi Wint., Double Blossom. Harrison and Hinds.
Leptosphaeria coniothyrium (Fckl.) Sacc., Cane Blight. Harrison,
Noxubee, Oktibbeha, and Perry.
- R. SP..
Kuehneola uredinis (Link.) Arth., Rust. Jackson.
Kunkelia nitens (Schw.) Arth., Rust. Copiah.
Plectodiscella veneta Burk., Anthracnose. Lafayette.

RUDBECKIA

- R. LACINIATA L., Tall Coneflower.
Uromyces perigynius Hals., Rust. Oktibbeha.
Uromyces rudbeckiae Arth. & Holw., Rust. Oktibbeha.
- R. TRILOBA L., Thinleaved Coneflower.
Septoria rubdbeckiae Ell. & Hals., Leaf Spot. Lafayette.

RUELLIA

- R. STREPENS L., Limestone Ruellia
Puccinia lateripes Berk. & Rav., Rust. Harrison.
Puccinia ruelliae (Berk. & Br.) Lagerh., Rust. Harrison.

RUMEX

- R. CRISPUS L., Curly Dock.
Ovularia obliqua (Cke.) Oud., Leaf Spot. Calhoun.
Ramularia occidentalis Ell. & Kell., Leaf Spot. Oktibbeha.
- R. OBTUSIFOLIUS L., Bitter Dock.
Ramularia circumfusa Ell. & Ev., Leaf Spot. Newton.

RYNCHOSPORA

- R. FASCICULARIS (Michx.) Vahl, Fasciculate Beaked Rush.
Uromyces rhynchosporae Ell., Rust. Hinds.
- R. GLOMERATA (L.) Vahl, Clustered Beaked Rush.
Uromyces rhynchosporae Ell., Rust. Lowndes.

SABAL

- S. MINOR Pers., Dwarf Palmetto.
Meliola amphitricha Fr., Sooty Mold. Pearl River.
- S. PALMETTO Lodd., Cabbage Palmetto.
Meliola amphitricha Fr., Sooty Mold. Harrison.
Meliola palmicola Wint., Sooty Mold. Jackson.

SACCHARUM

- S. OFFICINARUM L., Sugarcane.
Colletotrichum falcatum Went., Red Rot. Jackson.
Gloeocercospora sorghi Bain & Edgerton, Zonate Leaf Spot.
 Lauderdale and Pearl River.
- Gnomonia iliau Edg., Stem Rot. Franklin and Yazoo.
- Melanconium sacchari Mass., Rind Disease. Leake.
- Sclerotium rolfsii Sacc., Southern Blight. Adams and Jackson.
- Virus, Mosaic.

SAGITTARIA

- S. LATIFOLIA Willd., Broadleaved Arrowhead.
Jercospora sagittariae Ell. & Kell., Leaf Spot. Tallahatchie.

SALIX

- S. CORDATA Muhl., Heartleaved Willow.
Rhytisma salicinum (P.) Fr., Tar Spot. Monroe.
- S. DISCOLOR Muhl., Pussywillow.
Botryosphaeria ribis Gross. & Dugg. var. chromogena Shear.
 Coahoma and Forrest.
Cercospora salicina Ell. & Ev., Leaf Spot. Leflore.
- S. INTERIOR Rowlee, Sandbar Willow.
Melampsora abieti-caprearum Tub., Rust. Jones.
Melampsora americana Arth., Rust. Jones.
- S. NIGRA Marsh., Black Willow.
Darluca filum (Biv.) Cast. (parasitic on Melampsora bigelowii Thuem.). Oktibbeha.
Melampsora bigelowii Thuem., Rust. Oktibbeha.
Rhytisma salicinum (P.) Fr., Tar Spot. Webster.
Uredo bigelowii Arth., Rust. Oktibbeha.
- S. SP., Willow.
Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale.
Uncinula salicis (DC.) Wint., Powdery Mildew. Oktibbeha.
- S. SP.
Cercospora salicina Ell. & Ev., Leaf Spot. Jones.
Diatrypella pulcherrima Ell. & Ev. Clarke.
Discella carbonacea (Fr.) Berk. & Br. Greene.
Discula brenckleana (Sacc. & Syd.) Petrak. Humphreys.
Trimmatostroma americanum Thuem. Benton.

SAMBUCUS

- S. CANADENSIS L., American Elder.
Cercospora catenospora Atk., Leaf Spot. Coahoma.
Cercospora depazeoides (Desm.) Sacc., Leaf Spot. Coahoma and Stone.
Cytospora sambucina Ell. & Bart.
Gloeosporium tineum Sacc., Leaf Spot. Jones.
Haplosporella seriata Ell. & Ev. Webster.
Puccinia bolleyana Sacc., Rust. Harrison and Madison.
Ramularia sambucina Sacc., Leaf Spot. Jackson.
- S. NIGRA L., European Elder.
Cercospora catenospora Atk., Leaf Spot. Pearl River.
Cercospora depazeoides (Desm.) Sacc., Leaf Spot. Pearl River.

SANICULA

- S. CANADENSIS L., Shortstyled Snakeroot.
Synchytrium pluriannulatum (Curt.) Farl. Oktibbeha.
- S. MARILANDICA L., Black Snakeroot.
Synchytrium pluriannulatum (Curt.) Farl. Oktibbeha.

SASSAFRAS

- S. ALBIDUM (Nutt.) Nees, Common Sassafras.
Diplodia sassafras Tracy & Earle. Noxubee and Oktibbeha.

SAURURUS

- S. CERNUUS L., Common Lizardstail.
Cercospora saururi Ell. & Ev., Leaf Spot. Rankin.

SCIRPUS

- S. CYPERINUS (L.) Kunth., Woolgrass Bulrush.
Puccinia angustata Pk., Rust. Kemper and Oktibbeha.
- S. SP.
Hypoderma scirpinum DC. Holmes.

SCLERIA

- S. TRIGLOMERATA Michx., Tall Nutrush.
Phyllachora scleriicola Miles, Leaf Spot. George.

SCROPHULARIA

- S. MARilandica L., Maryland Figwort.
Septoria scrophulariae Pk., Leaf Spot. Lee.

SCUTELLARIA

- S. INCANA Muhl., Downy Skullcap.
Cercospora scutellariae Ell. & Ev., Leaf Spot. Lafayette.
- S. VERSICOLA Nutt., Heartleaved Skullcap.
Septoria scutellariae Thuem., Leaf Spot. Hancock.

SEBASTIANA

- S. LIGISTRINA (Michx.) Muell. Arg., Sebastian Bush.
Uromyces graminicola Burr., Rust. Stone.

SECALE

- S. CEREALE L., Rye.
Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose.
Oktibbeha.
- Puccinia rubigo-vera (DC.) Wint., Rust. Oktibbeha.

SETARIA

- S. GLAUCa (L.) Beauv., Pigeongrass.
Ustilago neglecta Niessl, Smut. Calhoun and Oktibbeha.
- S. ITALICA (L.) Beauv., Foxtail Millet.
Piricularia grisea (Cke.) Sacc. Adams.

- S. SP.

Sclerospora graminicola (Sacc.) Schr., Downy Mildew. Clay.

SICYOS

- S. ANGULATUS L., Oneseeded Bur-Cucumber.
Peronospora australis Speg., Downy Mildew.

SIDA

- S. SPINOSA L., Prickly Sida.
Puccinia heterospora Berk. & Curt., Rust. Lincoln and Oktibbeha.
- S. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. George.

SILPHIUM

- S. ASPERRIMUM Hook., Rosinweed.
Coleosporium terebinthinaceae (Schw.) Arth., Rust. Oktibbeha.
- S. INTEGRIFOLIUM Michx., Entire-leaved Rosinwood.
Cercospora silphii Ell. & Ev., Leaf Spot. DeSoto.
Puccinia silphii Schw., Rust. Lafayette and Oktibbeha.
- S. PERFOLIATUM L., Cup-plant.
Puccinia silphii Schw., Rust. Pearl River.

SIUM

- S. CICUTAEFOLIUM Schrank., Water Parsnip.
Cercospora sii Ell. & Ev., Leaf Spot. Yazoo.

SMILACINA

- S. RACEMOSA (L.) Desf., Feather Solomonplume.
Septoria smilacinae Ell. & Mart., Leaf Spot. Choctaw.
- S. STELLATA Desf., Starry Solomonplume.
Phyllosticta convallariae P. ex Seaver, Leaf Spot. Greene.

SMILAX

- S. GLAUCA Walt., Glaucous-leaved Greenbrier.
Cercospora mississippiensis Tracy & Earle, Leaf Spot. Coahoma.
Cercospora smilacis Thuem., Leaf Spot. Coahoma.
Puccinia smilacis Schw., Rust. Stone.
- S. HISPIDA Muhl., Bristly Greenbrier.
Discosia smilacina DeN., Leaf Spot. Wayne
- S. LAURIFOLIA L., Laurel-leaved Greenbrier.
Cercospora smilacis Thuem., Leaf Spot. DeSoto and Pearl River.
Pestalozzia funerea Desm., Leaf Spot. Amite.
- S. SP.
Cercospora mississippiensis Tracy & Earle, Leaf Spot. Coahoma.
Cercospora smilacis Thuem., Leaf Spot. Hinds and Issaquena.
Coniothyrium fuckelii Sacc., Stem Canker. Oktibbeha.
Diaeoma smilacis Ktze., Rust. Stone.
Puccinia smilacis Schw., Rust. Jackson and Oktibbeha.
Ramularia subrufa Ell. & Holw., Leaf Spot. Oktibbeha.

SOJA

- S. MAX (L.) Piper, Soybean.
Bacterium sojae Wolf, Bacterial Blight.

SOJA--cont.

S. MAX--cont.

Cercospora cruenta Sacc., Leaf Spot. Oktibbeha.

Cercospora daizu Miura, Frog-eye. Itawamba, Lafayette, Pearl River, Scott, and Walthall.

Diaporthe sojae Lehman, Pod Blight.

Peronospora manshurica (Naoum.) Syd., (Peronospora sojae Lehman & Wolf) Downy Mildew. Attala.

Phytomonas tabaci (Wolf & Foster) Bergey et al., Wildfire.

Pseudomonas glycinea (Coerper) Stapp, Bacterial Blight. Jasper and Oktibbeha.

Sclerotium bataticola Taub., Southern Blight. Lincoln and Washington.

Sclerotium rolfsii Sacc., Southern Blight.

Septoria glycines Hemm., Leaf Spot. Lauderdale.

Virus, Mosaic. Oktibbeha.

Xanthomonas phaseoli var. sojense (Hed.) Starr & Burk. Bacterial Pustule. DeSoto and Quitman.

SOLANUM

S. MELONGENA L., Eggplant.

Cuscuta sp., Dodder, Love Vine. Marshall.

Heterodera marioni (Cornu) Goodey, Root-knot. Holmes, Issaquena, Leflore, Monroe, Sunflower, Tate, and Washington.

Phomopsis vexans (Sacc. & Syd.) Hart., Leaf Spot, Fruit Rot. Monroe.

Sclerotium rolfsii Sacc., Southern Blight.

S. TUBEROSUM L., Potato.

Alternaria solani (Ell. & Mart.) Jones & Grout, Early Blight. Clarke, Hinds, Oktibbeha, and Yazoo.

Cercospora concors (Casp.) Sacc., Leaf Blotch. Rankin.

Heterodera marioni (Cornu) Goodey, Root-knot. Attala, Copiah, Harrison, Holmes, and Marshall.

Phytophthora infestans (Mont.) DBy., Late Blight. Covington, Jackson, Marion, Oktibbeha, and Washington.

Sclerotium rolfsii Sacc., Southern Blight.

Virus, Rugose Mosaic.

SOLIDAGO

S. CANADENSIS L., Canada Goldenrod.

Coleosporium solidaginis (Schw.) Thuem., Rust. Lafayette and Marion.

Puccinia asteris Duby, Rust. Oktibbeha.

Puccinia asterum Kern., Rust. Oktibbeha.

Puccinia extensicola Plowr., Rust. Oktibbeha.

S. FISTULOSA Mill., Pine Barren Goldenrod.

Coleosporium solidaginis (Schw.) Thuem., Rust. George and Oktibbeha.

SOLIDAGO--cont.

S. SP.

Coleosporium solidaginis (Schw.) Thuem., Rust. George and Oktibbeha.

Dothidea solidaginis (Schw.) Fr. Attala.

Erysiphe cichoracearum DC., Powdery Mildew. Oktibbeha.

Uromyces solidaginis (Sommerf.) Niessl., Rust. Oktibbeha.

SORGHASTRUM

S. NUTANS (L.) Nash, Yellow Indiangrass.

Cerebella andropogonis Ces., False Smut. Sharkey.

Puccinia virgata Ell. & Ev., Rust. Harrison and Noxubee.

SORGHUM

S. HALEPENSE (L.) Pers., Johnson Grass.

Ascochyta sorghina Sacc. Oktibbeha.

Colletotrichum falcatum Went., Red Rot. Oktibbeha and Prentiss.

Puccinia purpurea Cke., Rust. Oktibbeha.

S. SACCHARATUM (L.) Moench, Sorgho.

Sphacelotheca sorghi (Link) Clint., Covered Kernel Smut.

Oktibbeha.

S. VULGARE Pers., Sorghum.

Ascochyta sorghina Sacc., Leaf Spot.

Cercospora sorghi Ell. & Ev., Leaf Spot.

Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose and Red Rot.

Gloeocercospora sorghi Bain & Edgerton, Zonate Leaf Spot.
Lauderdale and Pearl River.

Phoma insidiosa F. Tassi. Marshall.

Pseudomonas andropogoni (E. F. Sm.) Stapp. Bacterial Stripe.

Puccinia purpurea Cke., Rust.

Sphacelotheca sorghi (Link.) Clint., Covered Kernel Smut.
Lawrence, Oktibbeha, Pearl River, and Rankin.

Titaeospora andropogonis (Miura) Tai, Sooty Stripe.

S. VULGARE var. TECHNICUM (Koern.) Jav., Broom corn.

Colletotrichum lineola Cka., Anthracnose. Jasper.

S. SP.

Ascochyta sorghina Sacc. Oktibbeha.

SPARTINA

S. CYNOSURIDES (L.) Roth., Salt Reedgrass.

Dicaeoma cephalanthi Jacks., Rust. Harrison.

Puccinia peridermiospora (Ell. & Tracy) Arth., Rust. Choctaw
and Jackson.

Puccinia seymouriana Arth., Rust. Choctaw.

SPARTINA--cont.

- S. MICHAUXIANA Hitchc., Tall Marshgrass.
Puccinia peridermiospora (Ell. & Tracy) Arth., Rust. Harrison.
Puccinia seymouriana Arth., Rust. Choctaw.

SPECULARIA

- S. PERFOLIATA (L.) A. DC., 'Clasping Venus' Lookingglass.
Septoria speculariae Berk. & Curt., Leaf Spot. Madison,
Lowndes, and Oktibbeha.

SPHENOPHOLIS

- S. NITIDA (Spreng.) Scribn., Slender Eaton's-grass.
Puccinia eatoniae Arth., Rust. Oktibbeha.
- S. OBTUSATA (Michx.) Scribn., Prairie Wedgescale.
Puccinia eatoniae Arth., Rust. Harrison.
- S. SP.
Epichloe typhina (P. ex Fr.) Tul. Perry.

SPINACIA

- S. OLERACEA L., Spinach.
Colletotrichum spinaciae Ell. & Halst., Anthracnose. Jones.

SPIRAEA

- S. SP., Spirea
Heterodera marioni (Cornu) Goodey, Root-knot. Holmes and Lamar.

SPOROBOLUS

- S. INDICUS (L.) R. Br., Smutgrass.
Helminthosporium ravenelii M. A. Curtis, Leaf Spot. Marion and Rankin.
Ophiodes this atramentosa (Berk. & Curt.) Earle. Jackson.
- S. ASPER (Michx.) Kunth., Tall Dropseed.
Puccinia verbenicola Arth., Rust. Jackson.
Puccinia vilfae Arth. & Holw., Rust. Jackson.

STACHYS

- S. PALUSTRIS L., Hedge Nettle.
Septoria stachydis Rob. & Desm., Leaf Spot. Lafayette.

STEIRONEMA

- S. CILIATUM (L.) Raf., Fringed Loosestrife.
Septoria conspicua Ell. & Martin, Leaf Spot. Choctaw.

STELLARIA

- S. MEDIA (L.) Cyrill., Chickweed.
Synchytrium stellariae Fckl. Oktibbeha.

STIZOLOBIUM

- S. DEERINGIANUM Bort., Deering Velvetbean.
Cercospora stizolobii Syd., Leaf Spot. Lafayette and Harrison.

STROPHOSTYLES

- S. HELVOLA (L.) Britton, Trailing Wildbean.
Uromyces phaseoli (Pers.) Wint., Rust. Jackson.
Uromyces phaseoli tynica Arth., Rust. Jackson.
- S. PAUCIFLORA (Benth.) S. Wats., Small Wildbean.
Uromyces phaseoli (Pers.) Wint., Rust. Jackson.

STYLOSANTHES

- S. BIFLORA (L.) B.S.P., Pencilflower.
Phoma gramma (Schw.) Starb. Pearl River.

STYRAX

- S. AMERICANA Lam., American Snowball.
Cercospora styracae Miles, Leaf Spot. Wayne.

SYMPHORICARPOS

- S. RACEMOSUS Michx., Snowberry, Waxberry.
Microsphaera syphoricarpi Howe., Powdery Mildew. Hinds.
- S. SP., Coralberry.
Microsphaera diffusa Cke. & Pk., Powdery Mildew. Pike.

SYMPLOCOS

- S. TINCTORIA (L.) L'Her., Sweetleaf.
Exobasidium symploci Ell. & Martin, Leaf Gall. Jackson and Leflore.
Septoria symploci Ell. & Martin, Leaf Spot. Marion.

SYRINGA

- S. PERSICA L., Persian Lilac.
Cercospora lilacis (Desm.) Sacc., Leaf Spot. Clarke, Coahoma, and Lafayette.
- S. VULGARIS L., Common lilac.
Microsphaera alni (DC.) Wint., Powdery Mildew. Coahoma, Forrest, and Scott.
Sclerotium rolfsii Sacc., Southern Blight. Lowndes.
- S. SP., Lilac.
Heterosporium syringae Oud. Neshoba.

TARAXACUM

- T. OFFICINALE Weber, Common Dandelion.
Physarum cinereum (Batsch) Pers., Slime Mold. Oktibbeha.
Puccinia hieracii (Schum.) Mart., Rust. Lafayette and Webster.

TARAXACUM--cont.

T. OFFICINALE--cont.

Puccinia taraxaci Plowr., Rust. Jones and Lafayette.Ramularia taraxaci Karst., Leaf Spot. Holmes and Oktibbeha.

TEPHROSIA

T. VIRGINICA (L.) Pers., Virginia Tephrosia.

Ravenelia eriphylla (Schw.) Diet., Rust. Tishomingo.

TEUCRIUM

T. CANADENSE L., American Germander.

Cercospora racemosa Ell. & Martin, Leaf Spot. Hinds.Cercospora teucrii Ell. & Kell., Leaf Spot. Wilkinson.

THALICTRUM

T. DIOICUM L., Early Meadowrue.

Polythelis thalictri Arth. Tishomingo.

THUJA

T. ORIENTALIS L., Oriental Arborvitae.

Cercospora thujina Plakidas, Thuja Blight. Jones, Lowndes, and Newton.

TILIA

T. AMERICANA L., American Linden, Basswood.

Cercospora microsora Sacc., Leaf Blight. Newton.Exosporium tiliae Lk., Leaf Spct. Lowndes.Uncinula clintonii Pk., Powdery Mildew. Bolivar.

TINIARIA

T. CONVOLVULUS (L.) Webb & Moq., Corn Bindweed.

Cercospora polygonacea Ell. & Ev., Leaf Spot. Rankin.

TOVARA

T. VIRGINIANA (L.) Raf., Virginia Knotweed.

Puccinia polygoni-amphibii Pers., Rust. Forrest.

TRIDENS

T. FLAVA (L.) Hitchc., Tall Red-Top.

Puccinia windsoriae Schw., Rust. Covington and Oktibbeha.

TRIFOLIUM

T. CAROLINIANUM Michx., Carolina Clover.

Uromyces elegans (Berk.) Lagh., Rust. Harrison.

T. DUBIUM, Hop Clover.

Erysiphe polygoni DC., Powdery Mildew.

TRIFOLIUM--cont.

- T. INCARNATUM, Crimson Clover.
Cercospora zebrina Pass., Leaf Spot.
Polythrincium trifolii Kze., Sooty Mold.
- T. PRATENSE L., Red Clover.
Erysiphe polygoni DC., Powdery Mildew. Adams and Panola.
Uromyces fallens (Desm.) Kern, Rust. Attala.
Uromyces trifolii (Hedw.) Lév., Rust. Rankin and Stone.
- T. PROCUMBENS L., Low Hop Clover.
Erysiphe polygoni DC., Powdery Mildew. Oktibbeha.
- T. REFLEXUM L., Buffalo Clover.
Polythrincium trifolii Kze. Oktibbeha.
- T. REPENS L., White, Dutch, or Honeysuckle Clover.
Erysiphe polygoni DC., Powdery Mildew. Oktibbeha.
Polythrincium trifolii Kze. Tallahatchie.
Sclerotinia trifoliorum Eriks., Root Rot. Stone.
- T. SP.
Helminthosporium sp., Leaf Spot. Lincoln.
Polythrincium trifolii Kze. Alcorn, George, Oktibbeha, and Stone.
Uromyces trifolii (Hedw.) Lév., Rust. Hinds.

TRILLIUM

- T. RECURVATUM Berk., Prairie Trillium.
Septoria trillii Pk., Leaf Spot. Noxubee, Pontotoc, and Smith.
- T. SP.
Septoria trillii Pk., Leaf Spot. Lee.

TRIPSACUM

- T. DACTYLOIDES L., Eastern Gamagrass.
Puccinia tripsaci Diet. & Holw., Rust. Oktibbeha.

TRITICUM

- T. AESTIVUM L., Wheat.
Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose.
 DeSoto.
Fusarium culmorum (W. Sm.) Sacc., Seedling Blight. DeSoto.
Gibberella saubinetti (Mont.) Sacc., Fusarium Blight, Scab.
 Wayne.
Puccinia clematidis Lagh., Rust. Lauderdale and Oktibbeha.
Puccinia graminis Pers., Rust. DeSoto and Oktibbeha.
Puccinia triticina Erikss., Leaf Rust. DeSoto, Issaquena, and Sharkey.
Sclerotium rolfsii Sacc., Southern Blight. Oktibbeha.

TRITICUM--cont.

T. AESTIVUM--cont.

Septoria glumarum Pass., Speckled Leaf Blotch. Oktibbeha.
Septoria nodorum Berk., Speckled Leaf Blotch, Glume Blotch.

Clay and DeSoto.

Septoria tritici Desm., Speckled Leaf Blotch, Glume Blotch.
Lauderdale and Washington.

Tilletia levis Kuehn, Smut. Lauderdale.

Tilletia tritici (Bjerk.) Wint., Smut. Alcorn, Issaquena,
Marshall, Monroe, and Simpson.

Ustilago tritici (Pers.) Rost., Loose Smut. Lauderdale, Mar-
shall, and Prentiss.

TROPAEOLUM

T. MAJUS L., Common Nasturtium.

Pleospora tropaeoli Halst., Leaf Spot. Attala.

TYPHA

T. LATIFOLIA L., Common Cattail.

Hendersonia typhae Oud. Sunflower.

ULMUS

U. ALATA Michx., Winged Elm.

Cylindrosporium ulmicola Ell. & Ev. Hinds.

Phleospora ulmi (Fr.) Wallr. Oktibbeha.

Uncinula macrospora Pk., Powdery Mildew. Clarke and Oktibbeha.

U. AMERICANA L., American Elm.

Cylindrosporium ulmicola Ell. & Ev., Leaf Spot. Jackson.

Gloeosporium ulmicolum Miles, Leaf Spot. Holmes,

Gnomonia ulmea (Schw. ex Fr.) Thuem., Leaf Spot. Forrest,
Lauderdale, Oktibbeha, and Tate.

Phleospora ulmi (Fr.) Wallr. Marion.

Schizophyllum commune Fr., Sap Rot. Oktibbeha.

Uncinula macrospora Pk., Powdery Mildew. Lauderdale and Tippah.

U. CRASSIFOLIA Nutt., Cedar Elm.

Gnomonia ulmea (Schw. ex Fr.) Thuem., Leaf Spot. Lauderdale.

U. FULVA Michx., Slippery Elm.

Ceratophorum ulmicolum Ell. & Kell. Coahoma.

Phleospora ulmi (Fr.) Wallr. Alcorn.

Phyllosticta melaleuca Ell. & Ev., Leaf Spot. Oktibbeha.

Phyllosticta ulmicola Sacc., Leaf Spot. Oktibbeha.

U. SP.

Ceratophorum ulmicolum Ell. & Kell. Scott.

Microsphaera alni (DC.) Wint., Powdery Mildew. Clay.

UNICLA

- U. LATIFOLIA Michx., Broadleaf Uniola.
Phoma glumarum Ell. & Tracy. Lowndes.
U. LAXA (L.) B.S.P., Sleender Spikegrass.
Ustilago uniolae Ell. & Ev., Smut. Attala.

UVULARIA

- U. SESSILIFOLIA L., Sessile-leaved Bellwort.
Puccinia majanthae Arth. & Holw., Rust. Oktibbeha.
Puccinia sessilis W. G. Schnéid., Rust. Oktibbeha.

VACCINUM

- V. ARBOREUM Marsh., Farkleberry.
Phyllosticta vaccinii Earle, Leaf Spot. Wayne.
Rhytisma vaccinii (S.) Fr., Tar Spot. Forrest County; Ship Island.
V. CORYMBOSUM L., Highbush Blueberry.
Synchytrium vaccinii Thomas, Red Gall. Amite.
V. STAMINEUM L., Common Deerberry.
Pestalozzia gibbosa Hark., Leaf Spot. Jackson.
Phyllactinia suffulta (Reb.) Sacc., Powdery Mildew. Pearl River.
V. TENELLUM Ait., Small Black Blueberry.
Exobasidium vaccini (Fckl.) Wor., Leaf Gall. George and Wayne.
Rhytisma vaccinii (S.) Fr., Tar Spot. Marion.
V. VIRGATUM Ait., Southern Black Huckleberry.
Rhytisma vaccinii (S.) Fr., Tar Spot. DeSoto and Oktibbeha.
V. SP., Blueberry.
Rhytisma vaccinii (S.) Fr., Tar Spot. Pearl River.

VALERIANELLA

- V. RADIATA (L.) Dufr., Beaked Cornsalad.
Septoria valerianellae Miles, Leaf Spot. Oktibbeha.
Synchytrium aureum Schroet. Oktibbeha.

VERATRUM

- V. VIRIDE Ait., American White Hellebore.
Puccinia veratri (DC.) Duby., Rust. DeSoto.

VERBASCUM

- V. BLATTARIA var. ALBIFLORUM, White Moth Mullein.
Septoria verbascicola Berk. & Curt., Leaf Spot. Oktibbeha.
V. THAPSUS L., Great Mullein.
Ramularia variabilis Fckl., Leaf Spot. Tunica.

VERBENA

- V. HASTATA L., Blue Vervain.
Septoria verbena Rob. & Desm., Leaf Spot. Humphreys.
- V. STRICTA Vent., Wooly Verbena.
Erysiphe cichoracearum DC., Powdery Mildew. Calhoun.
Septoria verbena Rob. & Desm., Leaf Spot. Oktibbeha.
- V. SP.
Erysiphe cichoracearum DC., Powdery mildew. Coahoma, Humphreys,
Lincoln, Pike, and Warren.

VERBESINA

- V. VIRGINICA L., Small White Crownbeard.
Puccinia cognata Syd., Rust. Franklin.

VERNONIA

- V. ALTISSIMA Nutt., Tall Ironweed.
Coleosporium vernoniae Berk. & Curt., Rust. Oktibbeha.
- V. BALDWINI Torr., Baldwin Ironweed.
Cercospora vernoniae Ell. & Kell., Leaf Spot. Winston.
Coleosporium vernoniae Berk. & Curt., Rust. Lee.
- V. FASCICULATA Michx., Western Ironweed.
Coleosporium vernoniae Berk. & Curt., Rust. Choctaw, Jones,
and Oktibbeha.
Puccinia vernoniae Schw., Rust. Jones.
- V. SP.
Coleosporium carneum Jacks., Rust. Oktibbeha.
Heterodera marioni (Cornu) Goodey, Root-knot. Stone.

VERONICA

- V. PEREGRINA L., Purslane Speedwell.
Entyloma linariae Schroet. var. veronicae Wint., Leaf Smut.
Wayne.

VIBURNUM

- V. ACERIFOLIUM L., Mapleleaf Arrowwood.
Microsphaera alni (DC.) Wint., Powdery Mildew. Carroll.
- V. CASSINOIDES L., Withe-rod, Viburnum.
Cercospora varia Pk., Leaf Spot. Coahoma.
- V. OPULUS L., European Cranberrybush: High Bush Cranberry.
Cercospora opuli (Fckl.) v. Hoehn., Leaf Spot. Panola.
Cercospora varia Pk., Leaf Spot. Panola.
- V. SP.
Heterodera marioni (Cornu) Goodey, Root-knot. Stone.

VICIA

- V. AMERICANA Muhl., Purple Vetch.
Ascochyta pisi Lib., Blight. Oktibbeha.
Pucciniola porosa (Pk.) Arth., Rust. Lee.
Uromyces coloradensis Ell. & Ev., Rust. Lee.
- V. ANGUSTIFOLIA L., Smaller Common Vetch.
Ascochyta pisi Lib., Blight. Oktibbeha.
- V. SATIVA L., Common Vetch.
Ascochyta pisi Lib., Blight. Oktibbeha and Pearl River.
Peronospora viciae (Berk.) DBy., Downy Mildew. George and Oktibbeha.
- V. VILLOSA Roth., Hairy Vetch.
Ascochyta pisi Lib., Blight. Madison.
Ascochyta sp., Leaf Spot.
Colletotrichum viciae Dearness & Overholts, Anthracnose.
Erysiphe polygoni DC., Powdery Mildew.
Protocoronospora nigricans Atk. & Edgerton emend. Wolf, False Anthracnose.

VIGNA

- V. SINENSIS (Torner) Savi, Common Cowpea.
Amerosporium oeconomicum Ell. & Tracy, Leaf Spot. Itawamba.
Jefferson, Lauderdale, and Neshoba.
- Cercospora canescens Ell. & Mart., Leaf Spot. Forrest and Hinds.
- Cercospora cruenta Sacc., Leaf Spot. Calhoun, Oktibbeha, and Washington.
- Cercospora vignae Ell. & Ev., Leaf Spot.
- Choanephora cucurbitarum (Berk. & Rav.) Thax., Pod Rot.
- Cladosporium vignae Gardner, Leaf Spot. George and Greene.
- Corticium vagum, Berk. & Curt., Stem Rot. Jackson.
- Fusarium vasinfectum var. tracheiphilum Erw. Sm., Wilt.
- Heterodera marioni (Cornu) Goodey, Root-knot. Lauderdale,
Newton, Oktibbeha, Pike, and Prentiss.
- Ramularia sp., Frosty Mildew.
- Rhizoctonia microsclerotia Matz, Leaf Blight.
- Sclerotium bataticola Taub., Southern Blight. Marshall.
- Uromyces phaseoli vignae (Barclay) Arth., Rust. George.
- Virus, Mosaic.
- V. SP.
Cercospora cruenta Sacc., Leaf Spot. Forrest.

VINCENTOXICUM

- V. PALUSTRE Gray, Winding Milkweed.
- Puccinia gonolobi Ray., Rust. Harrison.
- Puccinia obliqua Berk. & Curt., Rust. Harrison.

VIOLA

- V. BLANDA Willd., Sweet White Violet.
Cercospora violae Sacc., Leaf Spot. Harrison.
Puccinia violae (Schum.) DC., Rust. Jackson.
- V. CUCULLATA Ait., Marsh Blue Violet.
Dicaeoma violae Ktze., Rust. Oktibbeha.
Puccinia violae (Schum.) DC., Rust. Oktibbeha.
- V. ERIOCARPA Schwein., Smoothish Yellow Violet.
Puccinia violae (Schum.) DC., Rust. Jackson.
- V. ODORATA L., English or Sweet Violet.
Gloeosporium violae Berk. & Br., Leaf Spot. Lauderdale and Webster.
- V. PALMATA L., Early Blue Violet
Cercospora violae Sacc., Leaf Spot. Oktibbeha.
Puccinia violae (Schum.) DC., Rust. Oktibbeha.
- V. SP.
Alternaria violae Gall. & Dorsett, Leaf Spot. Hinds.
Colletotrichum violae-tricoloris R. E. Smith, Leaf Spot.
Oktibbeha and Quitman.
Puccinia violae (Schum.) DC., Rust. Jackson.
Ramularia lactea (Desm.) Sacc., Leaf Spot. Harrison.
Septoria violae West., Leaf Spot. Leflore and Simpson.
Sphaceloma violae Jenkins, Scab. Pike.

VITIS

- V. AESTIVALIS Michx., Summer Grape.
Phyllosticta viticola Sacc. & Speg., Leaf Spot. Harrison.
- V. CORDIFOLIA Michx., Frost Grape.
Isariopsis clavispora (Berk. & Curt.) Sacc., Leaf Spot. Attala.
Uncinula necator (Schw.) Burr., Powdery Mildew. Oktibbeha.
- V. LABRUSCA L., Northern Fox Grape.
Isariopsis clavispora (Berk. & Curt.) Sacc., Leaf Spot. Adams,
Covington, Harrison, and Lauderdale.
Plasmopara viticola (Berk. & Curt.) B. & DeT., Downy Mildew.
George and Rankin.
- V. ROTUNDIFOLIA Michx., Muscadine Grape.
Cercospora brachypus Ell. & Ev., Leaf Spot. Lauderdale.
Cercospora viticola (Ces.) Sacc., Leaf Spot. Lauderdale.
Glonium macrosporum Tracy & Earle. Lincoln.
Guignardia bidwellii (Ell.) Viala and Ravaz, Black Rot.
Bolivar, Madison, and Webster.
Hysterographium vulvatum (Schw.) Rehm. Choctaw.
Melanconium fuligineum (Scrib. & Viala) Cav., Bitter Rot. George.
Phyllosticta labruscae Thuem., Leaf Spot. Harrison.

VITIS--cont.

V. ROTUNDIFOLIA--cont.

Phyllosticta viticola Sacc. & Speg., Leaf Spot. Franklin and George.

V. SP.

Cercospora viticola (Ces.) Sacc., Leaf Spot. Forrest and Webster.

Gloeosporium ampelophagum (Pass.) Sacc., Anthracnose. Jones and Oktibbeha.

Guignardia bidwellii (Ell.) Viala & Ravaz, Black Rot. Calhoun, Carroll, Clay, Greene, Hancock, Jackson, Neshoba, and Warren.

Isariopsis clavigpora (Berk. & Curt.) Sacc., Leaf Spot. Jackson.

Plasmopara viticola (Berk. & Curt.) B. & DeT., Downy Mildew.

Claiborne, Covington, Jones, Pearl River, and Stone.

Sphaceloma ampelinum DBy., Anthracnose. Adams, Amite, Jones, and Warren.

WEIGELA

V. SP.

Cercospora weigeliae Ell. & Ev., Leaf Spot. Coahoma.

Heterodera marioni (Cornu) Goodey, Root-knot. Coahoma, Greene, Lauderdale, Leflore, Stone, and Washington.

WISTARIA

V. SP.

Heterodera marioni (Cornu) Goodey, Root-knot. Jackson.

XANTHIUM

X. ORIENTALE L., Oriental Cocklebur.

Puccinia xanthii Schw., Rust. Oktibbeha and Simpson.

X. STRUMARIUM L., Cocklebur.

Erysiphe cichoracearum DC., Powdery Mildew. Covington.

XEROPHYLLUM

X. ASPHODELOIDES (L.) Nutt., Turkey-beard.

Puccinia atropuncta Pk. & Clint., Rust. Stone.

XYRIS

X. ELATA Chapm., Tall Yellow-eyed-grass.

Cercospora xyridis Miles, Leaf Spot. Stone.

YUCCA

Y. ALOIFOLIA L., Aloe Yucca.

Pleospora thuemeniana Sacc. Oktibbeha.

Y. FILAMENTCSA L., Adamsneedle Yucca.

Coniothyrium concentricum (Desm.) Sacc. Leflore.

Kellermannia yuccae Ell. & Ev., Leaf Spot. George.

Phoma concentrica Desm., Leaf Spot. Bolivar.

YUCCA--cont.

Y. GLAUCA Nutt., Small Soapweed.

Cylindrosporium angustifolium Ell. & Kell. Oktibbeha.

Y. GLORIOSA L., Moundlily Yucca: Spanish Bayonet.

Lentosphaeria obtusispora Speg., Leaf Spot. Clay, Lamar, and Monroe.

ZANTEDESCHIA

Z. AETHIOPICA, Common Calla.

Cercospora richardiaecola Atk., Leaf Spot. Forrest and Washington.

ZANTHOXYLUM

Z. AMERICANUM Mill., Prickly Ash.

Phyllactinia corylea (Pers.) Karst., Powdery Mildew. Choctaw.

ZEA

Z. MAYS L., Corn.

Cercospora sp. Oktibbeha.

Colletotrichum graminicolum (Ces.) G. W. Wils., Anthracnose.

Diplodia macrospora Earle. Oktibbeha.

Diplodia zea (S.) Lév., Dry Rot. Choctaw and Stone.

Fusarium moniliforme Sheldon, Stalk Rot.

Gibberella zambinetti (Mont.) Sacc., Fusarium Blight, Scab. Alcorn.

Gloeocercospora sorghi Bain & Edgerton, Zonate Leaf Spot.

Adams, Lauderdale, Neshoba, Oktibbeha, Pearl River, and Washington.

Helminthosporium maydis Nisik. & Mke., Leaf Spot. Oktibbeha.

Helminthosporium turicum Pass., Leaf Blight. Oktibbeha.

Heterodera marioni (Cornu) Goodey, Root-knot. Holmes.

Physoderma zeae-maydis Shaw, Brown Spot. Jasper, Jones, Oktibbeha, Stone, and Warren.

Puccinia sorghi Schw., Rust. Adams, Bolivar, Claiborne, Forrest, Hinds, Pontotoc, Stone, and Tate.

Rhizoctonia solani Kuehn, Damping-Off.

Ustilago zea (Berk.) Unger, Corn Smut. Jackson and Oktibbeha.

ZINNIA

Z. ELEGANS Jacq., Common Zinnia.

Cercospora atrocincta Heald & Wolf, Leaf Spot. Copiah, Simpson, and Stone.

Cercospora zinniae Ell. & Martin. Copiah, Holmes, Simpson, and Stone.

Erysiphe cichoracearum DC., Powdery Mildew. Chickasaw and Tate.

INDEX TO PATHOGENS

- ACROSPERMUM COMPRESSUM**
Agrostis perennans
- ACTINOMYCES IPOMOEAE**
Ipomoea batatas
- AECIDIUM CYRILLAE**
Cyrilla racemiflora
- AECIDIUM OLDENLANDIAE**
Houstonia coerulea
- AECIDIUM PHYSALIDIS**
Physalis lanceolata
- ACRORACTERIUM TUMEFACIENS**
Begonia sp.
Gossypium hirsutum
Juniperus pfitzeriana
Malus baccata
Prunus persica
Rubus sp. (Foysenberry)
- ALBUGO BLITI**
Amaranthus retroflexus
- ALBUGO CANDIDA**
Arabis virginica
Brassica nigra
Bursa bursa-pastoris
Lepidium virginicum
- ALBUGO IPOMOAE-PANDURANAЕ**
Ipomoea batatas
Ipomoea hederacea
Ipomoea pandurata
Ipomoea purpurea
- ALBUGO TRAGOPOGONIS**
Ambrosia artemisiifolia
Ambrosia trifida
- ALLODUS CLAYTONIATA**
Claytonia virginica
- ALTERNARIA BRASSICAE**
Brassica oleracea var. capitata
- ALTERNARIA BRASSICAE** var.
NIGRESCENS
Cucumis melo
- ALTERNARIA DIANTHII**
Dianthus caryophyllus
Dianthus sp. (Carnation)
- ALTERTARIA FASCICULATA**
Dahlia sp.
- ALTERTARIA GOSSYPII**
Gossypium herbaceum
Gossypium hirsutum
- ALTERTARIA HERCULEA**
Brassica rapa
- ALTERTARIA SOLANI**
Datura stramonium
Lycopersicon esculentum
Solanum tuberosum
- ALTERTARIA VIOLAE**
Viola sp.
- ALTERTARIA SP.**
Gossypium hirsutum
- AMEROSPORIUM OECONOMICUM**
Phaseolus sp. (Bean)
Vigna sinensis
- APIOSPORIUM ERYSIPHOIDES**
Magnolia virginiana
Fraxinus sp. (dead wood of)
- APIOSPORIUM MONTAGNEI**
Arundinaria tecta
- ARMILLARIA MELLEA**
Malus sylvestris
Pyrus communis
- ASCOCHYTA CLEMATIDIÆ**
Clematis virginiana
- ASCOCHYTA GOSSYPII**
Gossypium hirsutum
- ASCOCHYTA PINODELLA**
Pisum sativum
- ASCOCHYTA PISI**
Medicago arabica
Pisum sativum
Vicia americana
Vicia angustifolia
Vicia sativa
Vicia villosa
- ASCOCHYTA SORGHINIÆ**
Sorghum halepense
Sorghum vulgare
Sorghum sp.

- ASCOCHYTA SP.
Vicia villosa
- ASCOMYCETELLA QUERCINA
Quercus sp.
- ASTERELLA MYRICAE
Myrica carolinensis
- ASTERIDIUM ILLICII
Illicium floridanum
- ASTERINA DELITESCENS
Persea borbonia
Persea pubescens
- ASTERINA LEEMINGII
Galax sp.
- ASTERINA PELLICULOSA
Ilex coriacea
Ilex opaca
- ASTERINA SP.
Osmanthus fragrans
- ASTEROSPORIUM BETULINUM
Betula lenta
- ASTEROSPORIUM HOFFMANI
Fagus grandifolia
- AULOGRAPHUM ANGUSTIFORME
Ilex coriacea
- BACILLUS AMYLOVORUS
Pyrus communis
- BACILLUS TRACHEIPHILUS
Cucumis sativus
- BACTERIUM MARGINATUM
Gladiolus sp.
- BACTERIUM PUERARIAE
Pueraria thunbergiana
- BACTERIUM SOJAE
Soja max
- BACTERIUM SOLANACEARUM
Lycopersicon esculentum
- BACTERIUM VESICATORIUM
Capsicum annuum
- BELONIUM EUSTEGIFORME
Arundinaria tecta
- BJERKANDERA ADUSTA
Nyssa sylvatica
- BOTRYOSPHAERIA RIBIS
Salix discolor
- BOTRYTIS CINEREA
Hydrangea arborescens
- BOTRYTIS PAEONIAE
Paeonia sp.
- BOTRYTIS VULGARIS
Allium cepa
Fragaria sp.
- BREMIA LACTUCAE
Krigia dandelion
Lactuca canadensis
Lactuca sativa
- BUBAKIA CROTONIS
Croton capitatus
Croton monanthogynus
- CAMAROSPORIUM AMORPHAE
Amorpha fruticosa
- CAMAROSPORIUM ROBINIAE
Robinia pseudoacacia
- CAPNODIUM CITRI
Citrus aurantium
Citrus nobilis unshiu
- CERATOPHORUM ULMICOLUM
Ulmus fulva
Ulmus sp.
- CERATOPHORUM UNCIINATUM
Quercus macrocarpa
- CERATOSTOMELLA FIMBRIATA
Ipomoea batatas
- CERCOSPORA AGERATOIDIS
Eupatorium urticaefolium
- CERCOSPORA ALTHAEINA
Althaea rosea
Malva rotundifolia

CERCOSPORA ANTHELMINTICA	
<u>Chenopodium ambrosioides</u>	
CERCOSPORA APII	
<u>Apium graveolens</u>	
<u>Daucus carota</u>	
CERCOSPORA ATROCINCTA	
<u>Zinnia elegans</u>	
CERCOSPORA AURANTIA	
<u>Citrus nobilis unshiu</u>	
CERCOSPORA BETICOLA	
<u>Beta vulgaris</u>	
CERCOSPORA BLOXAMI	
<u>Brassica oleracea var. capitata</u>	
CERCOSPORA BOLLEANA	
<u>Ficus carica</u>	
CERCOSPORA BRACHYPUS	
<u>Vitis rotundifolia</u>	
CERCOSPORA BRUNKII	
<u>Pelargonium sp.</u>	
CERCOSPORA CAESPIOTOSA	
<u>Chloris schwartziana</u>	
CERCOSPORA CALLICARPAE	
<u>Callicarpa americana</u>	
CERCOSPORA CANESCENS	
<u>Phaseolus lunatus</u>	
<u>Vigna sinensis</u>	
CERCOSPORA CAPREOLATA	
<u>Bignonia capreolata</u>	
CERCOSPORA CAPSICI	
<u>Capsicum annuum</u>	
<u>Capsicum sp. (Pepper)</u>	
CERCOSPORA CATENOSPORA	
<u>Sambucus canadensis</u>	
<u>Sambucus nigra</u>	
CERCOSPORA CAULOPHYLLI	
<u>Caulophyllum thalictroides</u>	
CERCOSPORA CEPHALANTHI	
<u>Cephalanthus occidentalis</u>	
CERCOSPORA CERASELLA	
<u>Prunus domestica</u>	
CERCOSPORA CERCIDICOLA	
<u>Cercis canadensis</u>	
CERCOSPORA CHAMAECRISTAE	
<u>Cassia marilandica</u>	
CERCOSPORA CIRCUMSCISSA	
<u>Prunus angustifolia var. watsonii</u>	
<u>Prunus persica</u>	
CERCOSPORA CITRULLINA	
<u>Citrullus vulgaris</u>	
CERCOSPORA CLAVATA	
<u>Asclepias incarnata</u>	
<u>Asclepias syriaca</u>	
CERCOSPORA CONCORS	
<u>Solanum tuberosum</u>	
CERCOSPORA CRUENTA	
<u>Phaseolus vulgaris</u>	
<u>Phaseolus sp. (Bean)</u>	
<u>Soja max</u>	
<u>Vigna sinensis</u>	
<u>Vigna sp.</u>	
CERCOSPORA CYDONIAE	
<u>Cydonia japonica</u>	
CERCOSPORA DAIZU	
<u>Soja max</u>	
CERCOSPORA DEPAZEOIDES	
<u>Sambucus canadensis</u>	
<u>Sambucus nigra</u>	
CERCOSPORA DESTRUCTIVA	
<u>Euonymus japonicus</u>	
CERCOSPORA DIODIAE	
<u>Diodia teres</u>	
CERCOSPORA DIODIAE-VIRGINIANAE	
<u>Diodia teres</u>	
CERCOSPORA DIOSPYRI	
<u>Diospyros virginiana</u>	
CERCOSPORA ECHII	
<u>Echium vulgare</u>	
CERCOSPORA ELAEAGNI	
<u>Elaeagnus sp. (Silverberry)</u>	
CERCOSPORA ERYTHROGENA	
<u>Rhexia mariana</u>	
CERCOSPORA FICI	
<u>Ficus carica</u>	
CERCOSPORA FLEXUOSA	
<u>Diospyros virginiana</u>	
CERCOSPORA FULIGINOSA	
<u>Diospyros virginiana</u>	
CERCOSPORA FUSCA	
<u>Carya illinoensis</u>	
<u>Carya sp.</u>	
CERCOSPORA GERARDIAE	
<u>Dasystoma virginica</u>	
CERCOSPORA GNAPHALIACEA	
<u>Gnaphalium purpureum</u>	
CERCOSPORA GOSSYPINA	
<u>Gossypium hirsutum</u>	
CERCOSPORA GRISEA	
<u>Polygala lutea</u>	

CERCOSPORA HIBISCI	<i>Hibiscus esculentus</i>	CERCOSPORA NYMPHAEACEA	<i>Nymphaea</i> sp.
CERCOSPORA HYDRANGEAE	<i>Hydrangea</i> sp.	CERCOSPORA OCCIDENTALIS	<i>Cassia occidentalis</i>
CERCOSPORA HYDROCOTYLES	<i>Hydrocotyle verticillata</i>	CERCOSPORA OLIVACEA	<i>Cleiditsia triacanthos</i>
CERCOSPORA ILCICIS	<i>Ilex opaca</i>	CERCOSPORA OPULI	<i>Viburnum opulus</i>
CERCOSPORA LEUCOSTICTA	<i>Melia azederach</i>	CERCOSPORA PENICILLUS	<i>Myrica cerifera</i>
CERCOSPORA LICUSTRI	<i>Ligustrum japonicum</i>	CERCOSPORA PERI CLYMTNI	<i>Lonicera japonica</i>
	<i>Ligustrum lodiense</i>	CERCOSPORA PERSICAE	<i>Prunus persica</i>
	<i>Ligustrum</i> sp.	CERCOSPORA PERSONATA	<i>Arachis hypogaea</i>
CERCOSPORA LILACIS	<i>Syringa persica</i>	CERCOSPORA PHLOGINA	<i>Phlox</i> sp.
CERCOSPORA LIPPIAE	<i>Lippia lanceolata</i>	CERCOSPORA POLYGONACEA	<i>Tinctoria convolvulus</i>
CERCOSPORA LIQUIDAMBARIS	<i>Liquidambar styraciflua</i>	CERCOSPORA PUEARICOLA	<i>Pueraria thunbergiana</i>
CERCOSPORA LIRIODENDRI	<i>Liriodendron tulipifera</i>	CERCOSPORA PULVINULATA	<i>Morus rubra</i>
CERCOSPORA M-LI	<i>Malus sylvestris</i>	CERCOSPORA PURPUREA	<i>Persea pubescens</i>
CERCOSPORA MEDICAGINIS	<i>Medicago arabica</i>	CERCOSPORA PUSTULA	<i>Parthenocissus quinquefolia</i>
	<i>Medicago hispida</i>	CERCOSPORA RACEMOSA	<i>Teucrium canadense</i>
	<i>Medicago sativa</i>	CERCOSPORA RESEDAE	<i>Reseda odorata</i>
CERCOSPORA MELANOCHAETA	<i>Celastrus scandens</i>	CERCOSPORA RHOINA	<i>Rhus glabra</i>
CERCOSPORA MELI-E	<i>Melia azederach</i>	CERCOSPORA RIBICOLA	<i>Ribes triste</i>
CERCOSPORA MENISPERMI	<i>Menispermum canadense</i>	CERCOSPORA RICHARDIAECOLA	<i>Zantedeschia aethiopica</i>
		CERCOSPORA ROSICOLA	<i>Rosa</i> sp. (Rose)
CERCOSPORA MICROSORA	<i>Tilia americana</i>	CERCOSPORA RUBI	<i>Rubus trivialis</i>
			<i>Rubus</i> sp. (Dewberry)
CERCOSPORA MINIMA	<i>Pyrus communis</i>	CERCOSPORA SAGITTARIAE	<i>Sagittaria latifolia</i>
		CERCOSPORA SALICINA	<i>Salix discolor</i>
CERCOSPORA MINUTA	<i>Polygala lutea</i>		<i>Salix</i> sp.
		CERCOSPORA SAURURI	<i>Saururus cernuus</i>
CERCOSPORA MISSISSIPIENSIS	<i>Smilax glauca</i>		
	<i>Smilax</i> sp.		
CERCOSPORA MORICOLA	<i>Morus rubra</i>		
CERCOSPORA NICOTIANAE	<i>Nicotiana</i> sp.		
CERCOSPORA NIGRICANS	<i>Cassia tora</i>		

- CERCOSPORA SCUTELLARIAE
Scutellaria incana
- CERCOSPORA SEDOIDES
Pittosporum sp.
- CERCOSPORA SEYMOURIANA
Gleditsia triacanthos
- CERCOSPORA SII
Sium cicutaefolium
- CERCOSPORA SILPHII
Silphium integrifolium
- CERCOSPORA SIMULATA
Cassia marilandica
- CERCOSPORA SHILOACIS
Smilax glauca
Smilax laurifolia
Smilax sp.
- CERCOSPORA SORDIDA
Campsis radicans
- CERCOSPORA SORGHII
Sorghum vulgare
- CERCOSPORA SPHAEROIDEA
Cassia occidentalis
- CERCOSPORA STIZOLOBII
Stizolobium deerlingianum
- CERCOSPORA STYRACAE
Styrax americana
- CERCOSPORA TEUCRII
Teucrium canadense
- CERCOSPORA THUJINA
Thuja orientalis
- CERCOSPORA TUBERCULANS
Liquidambar styraciflua
- CERCOSPORA UMBRATA
Bidens frondosa
- CERCOSPORA VARIA
Viburnum cassinooides
Viburnum opulus
- CERCOSPORA VERNONIAE
Vernonia baldwini
- CERCOSPORA VIGNAE
Vigna sinensis
- CERCOSPORA VIOLAE
Viola blanda
Viola palmata
- CERCOSPORA VITICOLA
Vitis rotundifolia
Vitis sp.
- CERCOSPORA WEIGELIAE
Weigela sp.
- CERCOSPORA XYRIDIS
Kyris elata
- CERCOSPORA ZEBRINA
Medicago arabica
Medicago hispida
Trifolium incarnatum
- CERCOSPORA ZINNIAE
Zinnia elegans
- CERCOSPORA SP.
Coreopsis sp.
Crotalaria spectabilis
Hibiscus esculentus
Pittosporum sp.
Zea mays
- CERCOSPORELLA ALBO-MACULANS
Brasica rapa
- CERCOSPORELLA CANA
Erigeron philadelphicus
- CERCOSPORELLA PERSICAE
Prunus persica
- CEREBELLA ANDROPOGONIS
Andropogon furcatus
Axonopus sp. (Carpet Grass)
Erianthus contortus
Sorghastrum nutans
- CHOANEPHORA CUCURBITARUM
Vigna sinensis
- CINTRACTIA AXICOLA
Fimbristylis autumnalis
- CINTRACTIA JUNCI
Juncus acuminatus
- CLADOSPORIUM CARPOPHILUM
Prunus persica
- CLADOSPORIUM CITRI
Citrus aurantium
Citrus nobilis unshiu
Citrus reticulata
Citrus sinensis
Citrus sp.
- CLADOSPORIUM EFFUSUM
Carya illinoensis
- CLADOSPORIUM FASCICULARE
Asparagus sprengeleri

CLADOSPORIUM FULVUM	(<i>Coleosporium elephantopodis</i>)
<u>Lycopersicon esculentum</u>	<u>Elephantopus nudatus</u>
CLADOSPORIUM FUSCUM	<u>Elephantopus tomentosus</u>
<u>Rosa sp. (Rose)</u>	<u>Pinus palustris</u>
CLADOSPORIUM GLOEOSPORIOIDES	COLEOSPORIUM HELIANTHI
<u>Ascyrum stans</u>	<u>Helianthus giganteus</u>
CLADOSPORIUM HERBARUM	COLEOSPORIUM IPOMOAE
<u>Citrus aurantium</u>	<u>Ipomoea barbigera</u>
CLADOSPORIUM NERVALE	<u>Ipomoea digitata</u>
<u>Rhus typhina</u>	<u>Ipomoea hederacea</u>
CLADOSPORIUM PAEONIAE	<u>Ipomoea lacunosa</u>
<u>Paeonia delicatissima</u>	<u>Ipomoea pandurata</u>
<u>Paeonia sp.</u>	<u>Ipomoea purpurea</u>
CLADOSPORIUM VIGNAE	<u>Ipomoea sp.</u>
<u>Vigna sinensis</u>	<u>Pinus palustris</u>
CLASTEROSPORIUM UNCIINATUM	<u>Quamoclit pennata</u>
<u>Carya cordiformis</u>	COLEOSPORIUM SOLIDAGINIS
CLASTEROSPORIUM SP.	<u>Aster sagittifolius</u>
<u>Diospyros virginiana</u>	<u>Pinus echinata</u>
CLAVICEPS PASPALI	<u>Pinus taeda</u>
<u>Paspalum dilatatum</u>	<u>Solidago canadensis</u>
<u>Paspalum sp.</u>	<u>Solidago fistulosa</u>
COCCOIDELLA SCUTULA	<u>Solidago sp.</u>
<u>Persea borbonia</u>	COLEOSPORIUM TEREBINTHINACEAE
COCCOMYCES DENTATUS	<u>Silphium asperrium</u>
<u>Quercus sp.</u>	COLEOSPORIUM VERNONIAE
COCCOMYCES HEMALIS	<u>Pinus caribaea</u>
<u>Prunus cerasus</u>	<u>Pinus palustris</u>
<u>Prunus domestica</u>	<u>Vernonia altissima</u>
<u>Prunus sp. (Wild Cherry, and sp.)</u>	<u>Vernonia baldwini</u>
COCCOMYCES KERRIAE	<u>Vernonia fasciculata</u>
<u>Kerria japonica</u>	COLLETOTRICHUM AGAVES
COCCOMYCES LUTESCENS	<u>Agave americana</u>
<u>Prunus laurocerasus</u>	COLLETOTRICHUM ANTIRRHINI
COCCOMYCES PRUNOPHORAE	<u>Antirrhinum majus</u>
<u>Prunus sp. (Green Gage Plum)</u>	COLLETOTRICHUM CAMELLIAE
COLEOSPORIUM CAMPANULAE	<u>Camellia japonica</u>
<u>Campanula americana</u>	COLLETOTRICHUM FALCATUM
COLEOSPORIUM CARNEUM	<u>Saccharum officinarum</u>
<u>Vernonia sp.</u>	<u>Sorghum halepense</u>
COLEOSPORIUM DELICATULUM	COLLETOTRICHUM GLOEOSPORIOIDES
<u>Pinus palustris</u>	<u>Citrus aurantium</u>
COLEOSPORIUM ELEPHANTOPODIS	<u>Citrus grandis</u>
<u>Elephantopus carolinianus</u>	<u>Citrus nobilis</u>
	<u>Citrus nobilis unshiu</u>
	<u>Citrus sp. (Grapefruit)</u>
	<u>Citrus sp.</u>
	<u>Poncirus trifoliata</u>

- COLLETOTRICHUM GRAMINICOLUM
Avena sativa
Bromus secalinus
Secale cereale
Sorghum vulgare
Triticum aestivum
Zea mays
- COLLETOTRICHUM GRISEUM
Euonymus japonicus
- COLLETOTRICHUM HIGGINSIANUM
Brassica rapa
- COLLETOTRICHUM LAGENARIUM
Citrullus vulgaris
Cucumis melo var. cantalupensis
Cucumis sativus
- COLLETOTRICHUM LINDEMUTHIANUM
Phaseolus lunatus
Phaseolus vulgaris
- COLLETOTRICHUM LINEOLA
Sorghum vulgare var. technicum
- COLLETOTRICHUM SPINACIAE
Spinacia oleracea
- COLLETOTRICHUM TRIFOLII
Medicago sativa
- COLLETOTRICHUM TRUNCATUM
Phaseolus lunatus
- COLLETOTRICHUM VICTIAE
Vicia villosa
- COLLETOTRICHUM VIOLAE-TRICOLORIS
Viola sp.
- COLLETOTRICHUM SP.
Camellia japonica
Ipomoea batatas
Melia azedarach
Rhododendron sp.
- CONIOSPORIUM ARUNDINELLAE
Arundinaria tecta
- CONIOTHYRIUM CONCENTRICUM
Yucca filamentosa
- CONIOTHYRIUM FUCKELII
Rosa sp. (Rose)
Smilax sp.
- CONIOTHYRIUM WERNSDORFFIAE
Rosa sp. (Rose)
- CORTICIUM LAETUM
Ficus carica
- CORTICIUM OAKESII
Ostrya virginiana
- CORTICIUM OCHROLEUCUM
Malus sylvestris
- CORTICIUM SALMONICOLOR
Malus sp. (Apple)
Pyrus communis
- CORTICIUM STEVENSII
Aleurites fordii
Ficus carica
Malus sylvestris
Pyrus sinensis
- CORTICIUM VAGUM
Crotalaria spectabilis
Phaseolus vulgaris
Vigna sinensis
- CORYNEUM BEYERINCKII
Prunus persica
- CORYNEUM KUNZEI
Forsythia sp.
- CREONECTRIA PURPUREA
Acer rubrum
Betula lenta
- CRONARTIUM COMANDRAE
Comandra umbellata
- CRONARTIUM QUERCUM
Pinus caribaea
Pinus taeda
Quercus marilandica
Quercus virginiana
- CRYPTOMYCES PTERIDIS
Pteridium aquilinum
- CRYPTOSPORIUM ACICOLA
Pinus palustris
- CUSCUTA SP.
Solanum melongena
- CYLINDROSPORIUM ANCUSTIFOLIUM
Yucca glauca
- CYLINDROSPORIUM BRASSICAE
Brassica rapa

CYLINDROSPORIUM CHRYSANTHEMI <u>Chrysanthemum</u> sp.	DIAPORTHE CITRI <u>Fortunella</u> sp. (Kumquat)
CYLINDROSPORIUM CLEMATIDIS <u>Clematis virginiana</u>	DIAPORTHE LEIPHAEMIA <u>Quercus</u> <u>alba</u>
CYLINDROSPORIUM JUGLANDIS <u>Juglans</u> sp.	DIAPORTHE PHASEOLORUM <u>Phaseolus</u> <u>lunatus</u>
CYLINDROSPORIUM LUTESCENS <u>Prunus serotina</u>	DIAPORTHE PHASEOLORUM <u>Phaseolus</u> sp. (Bean)
CYLINDROSPORIUM MINUS <u>Fraxinus</u> sp.	DIAPORTHE SOJAE <u>Soja</u> <u>max</u>
CYLINDROSPORIUM NEGUNDINIS <u>Acer negundo</u>	DIAPORTHE UMBRINA <u>Rosa</u> sp.
CYLINDROSPORIUM OCULATUM <u>Populus deltoides</u>	DIATRYPE ALBOPRUINOSA <u>Ostrya virginiana</u>
CYLINDROSPORIUM PADI <u>Prunus laurocerasus</u>	DIATRYPE ALBOPRUINOSA <u>Quercus</u> sp.
	DIATRYPE CALICARPAE <u>Callicarpa americana</u>
	DIATRYPE CONSCERINA <u>Prunus</u> sp. (Cherry)
CYLINDROSPORIUM RUBI <u>Rubus occidentalis</u>	DIATRYPE CONSCERINA <u>Arundinaria</u> <u>tecta</u>
CYLINDROSPORIUM SACCHARINUM <u>Acer rubrum</u>	DIATRYPE CONSCERINA <u>Arundinaria</u> sp.
CYLINDROSPORIUM TOXICODENDRI <u>Rhus toxicodendron</u>	DIATRYPE VIRESSENS <u>Fagus</u> <u>grandifolia</u>
CYLINDROSPORIUM ULMICOLA <u>Ulmus alata</u>	DIATRYPPELLA BETULINA <u>Betula</u> <u>lenta</u>
	DIATRYPPELLA DISCOIDEA <u>Alnus rugosa</u>
CYSTOPUS IPOMOAE-PANDURANAE <u>Ipomoea hederacea</u>	DIATRYPPELLA HYSTERICOIDES <u>Carya</u> sp.
CYSTOPUS PORTULACAE <u>Portulaca oleracea</u>	DIATRYPPELLA PROMINENS <u>Platanus</u> <u>occidentalis</u>
CYTOSPORA AILANTHI <u>Ailanthus altissima</u>	DIATRYPPELLA PULCHERRIMA <u>Salix</u> sp.
CYTOSPORA CORNUI <u>Cornus</u> sp. (Dogwood)	DIBOTRYON MORROSUM <u>Prunus</u> <u>americana</u>
CYTOSPORA JUGLANDICOLA <u>Juglans nigra</u>	<u>Prunus</u> <u>angustifolia</u>
CYTOSPORA NIVEA <u>Populus</u> sp.	<u>Prunus</u> <u>domestica</u>
CYTOSPORA SAMBUCINA <u>Sambucus canadensis</u>	<u>Prunus</u> <u>serotina</u>
DARLUCA FILUM <u>Salix nigra</u>	<u>Prunus</u> sp. (Japanese Plum)
DENDROPHOMA OBSCURANS <u>Fragaria</u> sp.	<u>Prunus</u> sp. (Plum)
	DICAEOMIA CEPHALANTHI <u>Spartina cynosuroides</u>
	DICAEOMIA EATONIAE <u>Ranunculus</u> <u>abortivus</u>
	DICAEOMIA HELIANTHI-MOLLIS <u>Helianthus</u> <u>divaricatus</u>

- DICAEOMA HIERACIATUM
Lactuca canadensis
- DICAEOMA RHINI
Avena sativa
- DICAEOMA SMILACIS
Smilax sp.
- DICAEOMA VIOLAE
Viola cucullata
- DIDYMARIA UNGERI
Ranunculus septentrionalis
- DIDYMELLA ANDROPOGONIS
Andropogon muricatus
- DIDYMELLINA IRIDIS
Iris sp.
- DIDYMELLINA MACROSPORA
Iris sp.
- DEMEROSPORIUM PULCHRUM
Fraxinus sp.
- DINEMASPORIUM GRAMINEUM
Eragrostis sp.
- DIPLOCARPON EARLIANA
Fragaria virginiana
Fragaria sp.
- DIPLOCARPON ROSAE
Rosa sp. (Rose)
- DIPLODIA AMORPHAE
Amorpha fruticosa
- DIPLODIA CAMPHORAE
Cinnamomum camphora
- DIPLODIA GOSSYPINA
Gossypium hirsutum
- DIPLODIA MACROSPORA
Zea mays
- DIPLODIA SASSAFRAS
Sassafras albidum
- DIPLODIA ZEAE
Zea mays
- DIPLODINA PRUNI
Prunus demissa
- DISCELLA CARBONACEA
Salix sp.
- DISCOSIA ARTOCREAS
Crataegus mollis
Cydonia oblonga
Rhus toxicodendron
- DISCOSIA SMILACINA
Smilax hispida
- DISCULA BRENCLEANA
Salix sp.
- DOTHICHLOE ATRAMENTOSA
Panicum sp.
- DOTHIDEA SOLIDAGINIS
Solidago sp.
- DOTHIDELLA CONCAVIUSCULA
Magnolia virginiana
- DOTHIDELLA RIBESIA
Ribes sp.
- ENDOTHIA PARASITICA
Castanea dentata
Castanea sp.
- ENTOMOSPORIUM MACULATUM
Cydonia oblonga
Pyrus communis
- ENTOMOSPORIUM THUEMENII
Crataegus sp.
- ENTYLOMA COMPOSITARUM
Eupatorium urticaceum
- ENTYLOMA LINARIAE
Veronica peregrina
- ENTYLOMA PHYSALIDIS
Physalis virginiana
- EPICHLIOE TYPHINA
Panicularia nervata
Sphenopholis sp.
- EPICOCCUM SIMPLEX
Arundinaria sp. (Cane)

<u>ERYSIPHE CICHORACEARUM</u>	<u>EXOBASIDIUM VACCINII</u>
<u>Ambrosia artemisiifolia</u>	<u>Rhododendron viscosum</u>
<u>Ambrosia trifida</u>	<u>Rhododendron sp.</u>
<u>Cucumis sativus</u>	<u>Vaccinium tenellum</u>
<u>Helianthus hirsutus</u>	
<u>Helianthus tuberosus</u>	<u>EXOSPORIUM CONCENTRICUM</u>
<u>Helianthus sp.</u>	<u>Euonymus japonicus</u>
<u>Mesadenia atriplicifolia</u>	<u>EXOSPORIUM PALMITVORUM</u>
<u>Phlox paniculata</u>	<u>Phoenix canariensis</u>
<u>Plantago major</u>	<u>Phoenix dactylifera</u>
<u>Polygonum erectum</u>	<u>Phoenix sp.</u>
<u>Solidago sp.</u>	<u>EXOSPORIUM PLATANI</u>
<u>Verbena stricta</u>	<u>Platanus occidentalis</u>
<u>Verbena sp.</u>	<u>EXOSPORIUM TILIAE</u>
<u>Xanthium strumarium</u>	<u>Tilia americana</u>
<u>Zinnia elegans</u>	
<u>ERYSIPHE COMMUNIS</u>	<u>FAERAEA MACULATA</u>
<u>Ranunculus abortivus</u>	<u>Cydonia oblonga</u>
<u>ERYSIPHE GALEOPSISIDIS</u>	<u>Pyrus communis</u>
<u>Chelone glabra</u>	<u>Pyrus sinensis</u>
<u>ERYSIPHE GRAMINIS</u>	<u>Pyrus sp.</u>
<u>Hordeum pusillum</u>	
<u>Poa pratensis</u>	<u>FROMMEA DUCHESNEAE</u>
<u>ERYSIPHE LAGERSTROEMIAE</u>	<u>Duchesnea indica</u>
<u>Lagerstroemia indica</u>	<u>FROMMEA OBTUSA</u>
<u>ERYSIPHE POLYGONI</u>	<u>Potentilla canadensis</u>
<u>Phaseolus vulgaris</u>	
<u>Pisum sativum</u>	<u>FUSARIUM ANNUUM</u>
<u>Trifolium dubium</u>	<u>Capsicum annum</u>
<u>Trifolium pratense</u>	<u>FUSARIUM BATATATIS</u>
<u>Trifolium procumbens</u>	<u>Ipomoea batatas</u>
<u>Trifolium repens</u>	<u>FUSARIUM BULBIGENUM var. NIVEUM</u>
<u>Vicia villosa</u>	<u>Citrullus vulgaris</u>
<u>EUTYPELLA CERVICULATA</u>	<u>FUSARIUM BULBIGENUM var. TRACHEI-</u>
<u>Alnus sp.</u>	<u>PHILUM</u>
<u>EUTYPELLA PLATANI</u>	<u>Crotalaria intermedia</u>
<u>Platanus occidentalis</u>	<u>FUSARIUM CULMORUM</u>
<u>EUTYPELLA STELLULATA</u>	<u>Triticum aestivum</u>
<u>Celtis sp.</u>	<u>FUSARIUM HYPEROXYSPORUM</u>
<u>EXOBASIDIUM AZALEAE</u>	<u>Ipomoea batatas</u>
<u>Rhododendron indicum</u>	<u>FUSARIUM LYCOPIERSICI</u>
<u>Rhododendron sp.</u>	<u>Lycopersicon esculentum</u>
<u>EXOBASIDIUM LEUCOTHOES</u>	<u>FUSARIUM MONILIIFORME</u>
<u>Leucothoë axillaris</u>	<u>Zea mays</u>
<u>EXOBASIDIUM SYMPLOCI</u>	<u>FUSARIUM OXYSPORUM f. CONGLUTINANS</u>
<u>Symplocos tinctoria</u>	<u>Callistephus chinensis</u>
	<u>FUSARIUM OXYSPORUM f. LYCOPERSICI</u>
	<u>Lycopersicon esculentum</u>

- FUSARIUM OXYSPORUM f. NIVEUM
Citrullus vulgaris
FUSARIUM OXYSPORUM f. VASINFECTUM
Gossypium hirsutum
FUSARIUM RUBI
Rubus sp. (Youngberry)
FUSARIUM VASINFECTUM
Gossypium hirsutum
FUSARIUM VASINFECTUM var.
TRACHEIPHILUM
Vigna sinensis
FUSARIUM SPP.
Gossypium hirsutum
FUSARIUM SP.
Gladiolus sp.
FUSARIUM SPP.
Ipomoea batatas
- FUSICLADIUM ALOPECURI
Alopecurus aequalis
FUSICLADIUM EFFUSUM
Carya illinoensis
- GIBBERELLA SAUBINETTI
Triticum aestivum
Zea mays
- GLENOSPORA CURTISII
Nyssa sp.
- GLOECERCOSPORA SORCHI
Saccharum officinarum
Sorghum vulgare
Zea mays
- GLOEODES POMIGENA
Malus sylvestris
- GLOEOSPORIUM AMPELOPHAGUM
Vitis sp.
- GLOEOSPORIUM CACTORUM
Cactus sp.
Opuntia sp.
- GLOEOSPORIUM CAMPHORAE
Cinnamomum camphora
- GLOEOSPORIUM CANADENSE
Quercus alba
- GLOEOSPORIUM EIOSPYRI
Diospyros kaki
Diospyros virginiana
- GLOEOSPORIUM NERVISEQUUM
Platanus occidentalis
Quercus rubra
GLOEOSPORIUM OLEANDRI
Nerium oleander
- GLOEOSPORIUM OPUNTIAE
Opuntia sp.
- GLOEOSPORIUM PERENNANS
Pyrus communis
- GLOEOSPORIUM PIPERATUM
Capsicum sp.
- GLOEOSPORIUM ROSAE
Rosa sp.
- GLOEOSPORIUM RUBI
Rubus procumbens
- GLOEOSPORIUM TINEUM
Sambucus canadensis
- GLOEOSPORIUM ULMICOLUM
Ulmus americana
- GLOEOSPORIUM VIOLAE
Viola odorata
- GLOEOSPORIUM SP.
Camellia sp.
Ficus carica
Hydrangea sp.
- GLOMERELLA CINCTA
Ficus elastica
- GLOMERELLA CINGULATA
Camellia japonica
Euonymus japonicus
Ligustrum indicum
Ligustrum ovalifolium
Malus sylvestris
- GLOMERELLA FRUCTIGENA
Ficus carica
- GLOMERELLA GOSSYPII
Gossypium herbaceum
Gossypium hirsutum
- GLOMERELLA PIPERATA
Capsicum sp.
- GLOMERELLA RUFOMACULANS
Lathyrus odoratus
- GLOMERULARIA CORNI
Cornus sp.
- GLONIUM MACROSPORIUM
Vitis rotundifolia

- GNOMONIA ILIAU
Saccharum officinarum
 GNOMONIA LEPTOSTYLA
Juglans sp.
 GNOMONIA NERVISEDIA
Carya illinoensis
 GNOMONIA SETACEA
Carya illinoensis
 GNOMONIA ULMEA
Ulmus americana
Ulmus crassifolia
 GNONOMONIA VENETA
Platanus occidentalis
 GNOMONIELLA AMOENA
Liquidambar styraciflua
 GONOBOTRYUM MACULICOLA
Hamamelis virginiana
 GRAPHIOLA PHOENICIS
Phoenix dactylifera
 GUIGNARDIA BIDWELLII
Vitis rotundifolia
Vitis sp.
 CYMOCONIA INTERSTITIALIS
Rubus occidentalis
Rubus procumbens
Rubus sp. (Blackberry)
 CYMOCONIA PECKIANA
Rubus procumbens
Rubus sp. (Blackberry)
 GYMNOSPORANGIUM BERMUDIANUM
Juniperus bermudiana
Juniperus virginiana
 GYMNOSPORANGIUM CLAVIPES
Crataegus crus-galli
Crataegus sp. (Hawthorn)
Crataegus sp.
Cydonia oblonga
Juniperus virginiana
 GYMNOSPORANGIUM FLORIFORME
Crataegus spathulata
Juniperus virginiana
 GYMNOSPORANGIUM GLOBOSUM
Crataegus coccinea
(*Gymnosporangium globosum*)
Crataegus submollis
Crataegus sp. (Hawthorn)
Crataegus sp. (Crabapple)
Crataegus sp. (Mayhaw)
Juniperus virginiana
 GYMNOSPORANGIUM JUNIPERI
Malus sylvestris
 GYMNOSPORANGIUM JUNIPERI-VIRGINIANA
Malus ioensis
Malus sylvestris
Malus sp. (Flowering Crab-apple)
 GYMNOSPORANGIUM NIDUS-AVIS
Amelanchier canadensis
Juniperus virginiana
 GYMNOSPORANGIUM TRACHYSORUM
Crataegus crus-galli
Crataegus m Marshallii
 HAPLOSPORELLA CLINTONII
Acer negundo
 HAPLOSPORELLA SERIATA
Sambucus canadensis
 HELMINTHOSPORIUM GENICULATUM
Eragrostis sp.
 HELMINTHOSPORIUM MAYDIS
Zea mays
 HELMINTHOSPORIUM RAVENELLI
Sporobolus indicus
 HELMINTHOSPORIUM SATIVUM
Hordeum vulgare
 HELMINTHOSPORIUM TURCICUM
Zea mays
 HELMINTHOSPORIUM SP.
Avena sativa
Hordeum vulgare
Kyllinga pumila
Trifolium sp.
 HENDERSONIA TYPHAE
Typha latifolia
 HENDERSONULA ARISTIDAE
Aristida purpurascens

- HETERODERA MARIONI
Abelia sp.
Aleurites fordii
Althaea sp.
Antirrhinum sp.
Beta vulgaris
Brassica oleracea var. caperata
Brassica rapa
Buxus sp.
Cactus sp.
Caledium sp.
Capsicum sp.
Celosia sp.
Chrysanthemum sp.
Citrullus vulgaris
Cucumis melo var. cantalupensis
Cucumis sativus
Cucurbita pepo
Cyclamen sp.
Dahlia sp.
Deutzia sp.
Dianthus sp.
Euonymus sp.
Ficus carica
Forsythia sp.
Fragaria sp.
Gardenia sp.
Ginkgo biloba
Gladiolus sp.
Gossypium sp.
Hibiscus esculentus
Hydrangea sp.
Ipomoea batatas
Ligustrum sp.
Lycopersicon esculentum
Malus sp. (Apple)
Narcissus sp.
Paeonia sp.
Phaseolus lunatus
Phaseolus vulgaris
Pisum sp.
Prunus persica
Pueraria thunbergiana
Punica sp.
Pyrus communis
Raphanus sp.
Rosa sp. (Rose)
- (*Heterodera marioni*)
Salix sp. (Willow)
Sida sp.
Solanum melongena
Solanum tuberosum
Spiraea sp.
Vernonia sp.
Viburnum sp.
Vigna sinensis
Weigela sp.
Wisteria sp.
Zea mays
- HETEROSPORIUM ALLII
Allium canadense
- HETEROSPORIUM SYRINGAE
Syringa sp. (Lilac)
- HYALOPSORA POLYPODII
Cystopteris fragilis
- HYPOCHNUS OCHROLEUCUS
Malus sylvestris
- HYPOCRELLA HYPOXYLON
Panicum anceps
- HYPODERMA HEDGCOCKII
Pinus echinata
Pinus virginiana
- HYPODERMA ILICINUM
Quercus sp.
- HYPODERMA LETHALE
Pinus caribaea
Pinus echinata
- HYPODERMA SCIRPINUM
Scirpus sp.
- HYPOXYLON ANNULATUM
Acer rubrum
Quercus sp.
- HYPOXYLON ATROFUNCTATUM
Quercus sp.
- HYPOKYLON FUSCUM
Alnus sp.
- HYPOKYLON INSIDIENS
Liriodendron tulipifera
- HYPOXYLON MALLEOLUS
Quercus sp.

- HYPPOXYLON PERFORATUM
Arunaria sp.
Liquidambar stylociflora
- HYPPOXYLON PUNCTULATUM
Quercus sp.
- HYPPOXYLON SUBCHLORINUM
Carpinus sp.
- HYSTEROGRAPHIUM VULVATUM
Vitis rotundifolia
- ISARIOPSIS ALBOROSELLA
Cerastium vulgatum
- ISARIOPSIS CLAVIFLORA
Vitis cordifolia
Vitis labrusca
Vitis sp.
- ISARIOPSIS CRISEOLA
Phaseolus vulgaris
- KELLERMANNIA YUCCAEGENA
Yucca filamentosa
- KUEHNEOLA DUCHESNEAE
Duchesnea indica
- KUEHNEOLA MALVICOLA
Hibiscus syriacus
- KUEHNEOLA UREDINIS
Rubus procumbens
Rubus trivialis
Rubus sp.
- KUNKELIA NITENS
Rubus procumbens
Rubus sp.
- LAESTADIA BUXI
Buxus sempervirens
- LAESTADIA ILLICIICOLA
Illicium floridanum
- LEMBOSIA ANGUSTIFORMIS
Ilex coriacea
- LEMBOSIA ILLICIICOLA
Illicium floridanum
- LEPTOSPHAERIA CONIOTHYRIUM
Rubus sp. (Raspberry)
Rubus sp. (Youngberry)
- LEPTOSPHAERIA OBTUSISPORA
Yucca gloriosa
- LEPTOSTROMELLA FILICINA
Osmunda cinnamomea
- LEPTOTHYRIUM CASTANICOLUM
Castanea dentata
- LEPTOTHYRIUM CINCTUM
Prunus serotina
- LEPTOTHYRIUM DRYINUM
Quercus falcata
Quercus stellata
- LEPTOTHYRIUM PERONAE
Paeonia sp.
- LEPTOTHYRIUM POMI
Malus sylvestris*
- LOPHODERMUM AUSTRALE
Pinus palustris
Pinus taeda
- LOPHODERMUM CYRILLICOLA
Cyrilla racemiflora
- MACROPHOMA CANDOLLEI
Buxus sempervirens
Buxus sp.
- MACROPHOMA FICI
Ficus carica
- MACROPHOMA SP.
Mahonia sp.
- MACROPHOMINA PHASEOLI
Phaseolus vulgaris
- MACROSPORIUM CAROTAE
Daucus carota
- MACROSPORIUM CATALPAE
Catalpa bignonioides
- MACROSPORIUM COMUNE
Allium sp.
- MACROSPORIUM CUCUMERINUM
Cucumis melo
- MACROSPORIUM FASCICULATUM
Ilex opaca
- MACROSPORIUM HERCULEUM
Brassica nigra
- MACROSPORIUM NERII
Nerium oleander

- MACROSPORIUM NIGRICANTUM
Gossypium hirsutum
 MACROSPORIUM PARASITICUM var.
 PORRI
Allium cepa
 MACROSPORIUM PODOPHYLLI
Podophyllum peltatum
 MACROSPORIUM SARCINULA
Allium cepa
 MACROSPORIUM SOLANI
Datura stramonium

 MARSSONIA DELASTREI
Agrostemma githago
 MARSSONIA JUGLANDIS
Juglans cinerea
Juglans nigra
Juglans sp.
 MARSSONIA MARTINI
Quercus alba
Quercus macrocarpa
Quercus marilandica
Quercus prinoides
Quercus prinus
Quercus sp.
 MARSSONIA POPULI
Populus tremuloides
 MARSSONIA QUERCUS
Quercus muhlenbergii
 MARSSONIA RHABDOSPORA
Populus nigra

 MASSARIA INQUINANS
Acer sp.

 MELAMPSORA ABIETI-CAPREARUM
Salix interior
 MELAMPSORA AMERICANA
Salix interior
 MELAMPSORA BIGELOWII
Salix nigra
 MELAMPSORA MEDUSAEE
Populus deltoides
 MELAMPSORA SP.
Populus sp.

 MELANCONIS MARGINALIS
Alnus rugosa
 MELANCONIS STILBOSTOMA
Betula lenta

 MELANCONIUM BICOLOR
Betula sp.
 MELANCONIUM FULIGINEUM
Vitis rotundifolia
 MELANCONIUM SACCHARI
Saccharum officinarum
 MELANCONIUM VISCOSUM
Robinia pseudoacacia

 MELASMIA GLEDITSCHIAE
Gleditsia triacanthos

 MELIOLA AMPHITRICA
Magnolia grandiflora
Magnolia virginiana
Osmanthus americana
Persea pubescens
Sabal minor
Sabal palmetto
 MELIOLA BIDENTATA
Bignonia capreolata
 MELIOLA MANCA
Quercus cinerea
Quercus virginiana
 MELIOLA MARTINIANA
Persea borbonia
Persea pubescens
 MELIOLA NIUDULANS
Cornus sp.
 MELIOLA PALMICOLA
Sabal palmetto
 MELIOLA TENUIS
Arundinaria tecta

 METASPHAERIA INTUSCANS
Andropogon virginicus

 MICROPERA CAESPITOSA
Ilex verticillata

 MICROSphaera ALNI
Euonymus atropurpureus
Euonymus sp.
Ligustrum sp.
Quercus coccinea
Syringa vulgaris
Ulmus sp.
Viburnum acerifolium
 MICROSphaera DENSISSIMA
Quercus velutina

- MICROSPHAERA DIFFUSA
Lespedeza striata
Syphoricarpos sp.
- MICROSPHAERA ELEVATA
Catalpa speciosa
- MICROSPHAERA EUPHORBIAE
Euphorbia corollata
- MICROSPHAERA QUERCINA
Quercus alba
Quercus prinoides
- MICROSPHAERA RAVENELII
Gleditsia triacanthos
- MICROSPHAERA SYMPHORICARPI
Syphoricarpos racemosus
- MICROSTROMA JUGLANDIS
Carya alba
Juglans nigra
- MOLLISIA DEHNII
Potentilla monspeliensis
- MOLLISIA IRIDIS
Iris versicolor
- MONILOCHAETES INFUSCANS
Ipomoea batatas
- MONOCHAETIA CAMELLIAE
Camellia japonica
- MONOCHAETIA DESMAZIERII
Quercus sp.
- MONTAGNELLA HELIOPSIDIS
Helianthus divaricatus
- MYCOSPHAERELLA FRAGARIAE
Fragaria virginiana
Fragaria sp.
- MYCOSPHAERELLA LEUCOTHOES
Leucothoe axillaris
- MYCOSPHAERELLA MYRICAE
Myrica cerifera
- MYCOSPHAERELLA RUBI
Rubus sp. (Boysenberry)
Rubus sp. (Raspberry)
- MYCOSPHAERELLA SENTINA
Pyrus sinensis
- MYRIANGIUM CURTISII
Liquidambar styraciflua
- MYRIANGIUM DURIAEI
Citrus sp.
Gleditsia triacanthos
- MYRIANGIUM TUBERCULANS
Carya illinoensis
Crataegus mollis
- MYROTHECIUM RORIDUM
Gossypium hirsutum
- NECTRIA ROUSSELLIANA
Buxus sp.
- NEMATOSPCA PHASEOLI
Phaseolus lunatus
- NIGREDO HYPERICI-FRONDOSI
Hypericum mutilum
- NIGREDO LESPEDEZAE-PROCUMBENTIS
Lespedeza repens
Lespedeza violacea
- NIGREDO PROMINENS
Euphorbia maculata
- NUMMULARIA DISCRETA
Gleditsia triacanthos
Malus sylvestris
- NUMMULARIA PUNCTULATA
Quercus sp.
- OIDIUM ERYSIPHOIDES var. CROTALARIAE
Crotalaria spectabilis
- OIDIUM EUONYMI-JAPONICI
Euonymus japonicus
- OIDIUM SP.
Euonymus japonicus
- OOSPORA TULIPIFERA
Liriodendron tulipifera
- OPHIODOTHIS ATRAMENTOSA
Panicum sp.
Sporobolus indicus
- OVULARIA MACLURAE
Maclura pomifera

- OVULARIA OBLIQUA
Rumex crispus
- PARODIELLA PERISPORIOIDES
Desmodium paniculatum
Desmodium rigidum
Desmodium sp.
Rhynchosia erecta
- PENICILLIUM GLADIOLI
Gladiolus sp.
- PENIOPHORA AURANTIACA
Alnus rugosa
- PENIOPHORA CINEREA
Carpinus caroliniana
- PERIDERMUM CEREBRUM
Pinus taeda
- PERONOSPORA ALSINEARUM
Cerastium viscosum
- PERONOSPORA ALTA
Plantago major
- PERONOSPORA AUSTRALIS
Sicyos angulatus
- PERONOSPORA EFFUSA
Chenopodium album
- PERONOSPORA EUPHORBIAE
Euphorbia serpyllifolia
- PERONOSPORA LAMITI
Lamium amplexicaule
- PERONOSPORA MANSHURICA
Soja max
- PERONOSPORA MYOSOTIDIS
Myosotis macrosperma
- PERONOSPORA PARASITICA
Brassica oleracea var. caperata
Brassica rapa
Lepidium virginicum
Raphanus sativus
- PERONOSPORA POTENTILLAE
Geum canadense
- PERONOSPORA SCHLEIDENI
Allium cepa
- PERONOSPORA SEYMOURI
Houstonia caerulea
- PERONOSPORA VICIAE
Pisum sativum
Vicia sativa
- PESTALOZZIA FUNEREA
Smilax laurifolia
- PESTALOZZIA GIBBOSA
Vaccinium stamineum
- PESTALOZZIA GUEPINI
Camellia japonica
Citrus nobilis
- PESTALOZZIA PALMICOLA
Phoenix canariensis
- PESTALOZZIA SUFFOCATA
Rosa sp.
- PESTALOZZIELLA SUBSESSILIS
Geranium carolinianum
- PEZIZELLA LYTHRI
Fragaria sp.
- PHAKOPSORA CROTONIS
Croton capitatus
Croton monanthogynus
- PHLEOSPORA ANEMONES
Anemone virginiana
- PHLEOSPORA ULMI
Ulmus alata
Ulmus americana
Ulmus fulva
- PHOMA BRESADOLAE
Cyces revoluta
- PHOMA CONCENTRICA
Yucca filamentosa
- PHOMA GLUMARUM
Uniola latifolia
- PHOMA GRAMINELLA
Bromus secalinus
- PHOMA GRAMMA
Stylosanthes biflora
- PHOMA INSIDIOSA
Sorghum vulgare
- PHOMA LINGAM
Brassica oleracea var. caperata

- PHOMA OBSCURANS
Fragaria virginiana
- PHOMA SP.
Gossypium hirsutum
- PHOMOPSIS CITRI
Citrus sp. (Grapefruit)
- PHOMOPSIS VEXANS
Solanum melongena
- PHRAGMIDIUM IMITANS
Rubus sp. (Raspberry)
- PHRAGMIDIUM RUBI-IDAEI
Rubus sp. (Raspberry)
- PHRAGMIDIUM SPECIOSUM
Rosa carolina
Rosa virginiana
- PHYLLACHORA AMBROSIAE
Ambrosia artemisiifolia
- PHYLLACHORA GRAMINIS
Elymus canadensis
Muhlenbergia schreberi
Muhlenbergia sp.
Panicum amarum
Panicum dichotomum
Panicum sp. (Grass)
Paspalum dilatatum
Poa sp.
- PHYLLACHORA SCLERIICOLA
Scleria triglomerata
- PHYLLACTINIA CORYLEA
Fagus grandifolia
Fagus sylvatica
Ostrya virginiana
Quercus stellata
Zanthoxylum americanum
- PHYLLACTINIA SUFFULTA
Ostrya virginiana
Vaccinium stamineum
- PHYLLOSTICTA ACERICOLA
Acer rubrum
Acer saccharum
- PHYLLOSTICTA AESCULI
Aesculus pavia
- PHYLLOSTICTA AMBROSIOIDIS
Chenopodium ambrosioides
- PHYLLOSTICTA AMPELOPSIDIS
Parthenocissus quinquefolia
Parthenocissus tricuspidata
- PHYLLOSTICTA APOCYNI
Apocynum cannabinum
- PHYLLOSTICTA ARGYREA
Elaeagnus sp.
- PHYLLOSTICTA ASIMINAE
Asimina triloba
- PHYLLOSTICTA AUCUBAE
Aucuba japonica
- PHYLLOSTICTA BATATAS
Ipomoea batatas
- PHYLLOSTICTA BUMELIAE
Bumelia lycioides
- PHYLLOSTICTA CARYAE
Carya illinoensis
- PHYLLOSTICTA CATALPÆ
Catalpa speciosa
- PHYLLOSTICTA CEANOTHI
Ceanothus americanus
- PHYLLOSTICTA CONCENTRICA
Hedera helix
- PHYLLOSTICTA CONVALLARIAE
Smilacina stellata
- PHYLLOSTICTA COCKEI
Magnolia grandiflora
- PHYLLOSTICTA CYDONIAE
Cotoneaster sp.
- PHYLLOSTICTA EUONYMI
Euonymus sp.
- PHYLLOSTICTA GOSSYPINA
Gossypium herbaceum
- PHYLLOSTICTA HAMAMELIDIS
Hamamelis virginiana
- PHYLLOSTICTA HEDERICOLA
Hedera helix
- PHYLLOSTICTA IPOMOEAE
Ipomoea pandurata
- PHYLLOSTICTA KALMICOLA
Kalmia latifolia
- PHYLLOSTICTA LABRUSCAE
Parthenocissus quinquefolia
Vitis rotundifolia
- PHYLLOSTICTA LATIFOLIAE
Kalmia latifolia
- PHYLLOSTICTA LIRIODENDRICA
Liriodendron tulipifera

- PHYLOSTICTA MELALEUCA
Ulmus fulva
 PHYLOSTICTA MICROPUNCTA
Persea borbonia
 PHYLOSTICTA MINIMA
Acer rubrum
Acer saccharinum
Acer saccharum
 PHYLOSTICTA NERII
Nerium oleander
 PHYLOSTICTA OPACA
Ilex opaca
 PHYLOSTICTA OVALIFOLII
Ligustrum sp.
 PHYLOSTICTA PAVIAE
Aesculus glabra
 PHYLOSTICTA PHASEOLINA
Phaseolus vulgaris
 PHYLOSTICTA PODOPHYLLI
Podophyllum peltatum
 PHYLOSTICTA PRUNICOLA
Prunus cerasus
 PHYLOSTICTA PTERIDIS
Pteris cretica
 PHYLOSTICTA PYRORUM
Pyrus communis
 PHYLOSTICTA RHEI
Rheum rhaboticum
 PHYLOSTICTA RHOICOLA
Rhus toxicodendron
 PHYLOSTICTA RHYNCHOSIAE
Rhynchosia erecta
 PHYLOSTICTA SEROTINA
Prunus serotina
 PHYLOSTICTA SINUOSA
Osmanthus americana
 PHYLOSTICTA SOLITARIA
Malus sylvestris
 PHYLOSTICTA SPHAEROPSOIDEA
Aesculus glabra
 PHYLOSTICTA TOXICA
Rhus toxicodendron
 PHYLOSTICTA ULMICOLA
Ulmus fulva
 PHYLOSTICTA VACCINII
Vaccinium arboreum
 PHYLOSTICTA VITICOLA
Parthenocissus quinquefolia
Vitis aestivalis
- (Phyllosticta viticola)
Vitis rotundifolia
 PHYLOSTICTA SP.
Camellia japonica
Fotunella hindsii
Pittosporum sp.
- PHYSALOSPORA CYDONIAE
Malus sylvestris
Pyrus sinensis
 PHYSALOSPORA CYNODONTIS
Distichlis spicata
 PHYSALOSPORA MALORUM
Malus sylvestris
 PHYSALOSPORA OXYSTOMA
Panicum hemitomum
- PHYSARUM CINEREUM
Axonopus compressus
Cynodon dactylon
Taraxacum officinale
 PHYSARUM PLUMBEUM
Ipomoea batatas
- PHYSODERMA ZEAE-MAYDIS
Zea mays
- PHYSOPELLA FICI
Ficus carica
- PHYSORELLA OBLONGA
Ipomoea batatas
- PHYTOMONAS PRUNI
Prunus persica
 PHYTOMONAS TABACI
Soja max
 PHYTOMONAS VESICATORIA
Lycopersicon esculentum
- PHYTOPHTHORA INFESTANS
Lycopersicon esculentum
Solanum tuberosum
- PICGOTIA FRAXINI
Fraxinus americana
Fraxinus pennsylvanica

PILEOLARIA TOXICODENDRI
Rhus toxicodendron

 PIRICULARIA GRISEA
Setaria italicica

 PITYA CUPRESSI
Juniperus chinensis

 PLACOSPHAERIA ILICIS
Ilex opaca

 PLASMOPARA HALSTEDII
Gnaphalium purpureum

 PLASMOPARA VITICOLA
Vitis labrusca
Vitis sp.

 PLECTODISCELLA VENETA
Rubus allegheniensis
Rubus idaeus
Rubus trivialis
Rubus sp.

 PLENODOMUS DESTRUENS
Ipomoea batatas

 PLEOSPORA HERBARUM
Medicago arabica

 PLEOSPORA THUMLERIANA
Yucca aloifolia

 PLEOSPORA TROPAEOLI
Tropaeolum majus

 PODOSPHAERA BINUNCINATA
Hamamelis virginiana

 PODOSPHAERA OXYACANTHAE
Crataegus coccinea
Crataegus crus-galli
Melus sylvestris
Prunus cerasus
Prunus sp. (Cherry)

 PODOSPORIUM RIGIDUM
Rhus toxicodendron

 POLYPORUS BARBATULUS
Juniperus virginiana

POLYPORUS CINNABARINUS
Quercus sp.
 POLYPORUS FUMOSUS
Quercus sp.
 POLYPORUS GILVUS
Quercus virginiana
 POLYPORUS HEMILEUCUS
Carya illinoensis
 POLYPORUS HIRSUTUS
Quercus sp.
 POLYPORUS SCHWEINITZII
Pinus sp.
 POLPYORUS VERSICOLOR
Fagus grandifolia
Liquidambar styraciflua

 POLYTHELIS THALICTRI
Thalictrum dioicum

 POLYTHRINCUM TRIFOLII
Trifolium incarnatum
Trifolium reflexum
Trifolium repens
Trifolium sp.

 PORIA PUNCTATA
Fraxinus sp.
 PORIA RUFa var. LILACINA
Quercus sp.
 PORIA VAPORARIA
Alnus rugosa

 PROTOCORONOSPORA NIGRICANS
Vicia villosa

 PSEUDOMONAS ANDROPOGONI
Sorghum vulgare
 PSEUDOMONAS AVENAE
Avena sativa
 PSEUDOMONAS CITRI
Citrus sp. (Grapefruit)
 PSEUDOMONAS GLYCINFA
Soja max
 PSEUDOMONAS MEDICAGINIS var.
 PHASEOLICOLA
Phaseolus vulgaris
Pueraria thunbergiana
 PSEUDOMONAS MORI
Morus sp.

PSEUDOMONAS PISI
Pisum sativum var. arvense
 PSEUDOMONAS PRUNI
Prunus persica
 PSEUDOPERONOSPORA CUBENSIS
Cucumis melo var. cantalupensis
Cucumis sativus
 PSEUPOPEZIA MEDICAGINIS
Medicago sativa
 PUCCINIA ALETRIDIS
Aletris aurea
 PUCCINIA AMPHIGENA
Calamovilfa longifolia
 PUCCINIA ANDROPOGONIS
Andropogon furcatus
Andropogon scoparius
Penstemon australis
Penstemon tubiflorus
 PUCCINIA ANEMONES-VIRGINIANAE
Anemone virginiana
 PUCCINIA ANGUSTATA
Scirpus cyperinus
 PUCCINIA ANOMALA
Hordeum vulgare
 PUCCINIA ANTIRRHHINI
Antirrhinum majus
Antirrhinum sp.
 PUCCINIA ARENARIAE
Dianthus barbatus
 PUCCINIA ARGENTATA
Impatiens pallida
 PUCCINIA ARUNDINARIAE
Arundinaria tecta
 PUCCINIA ASPARAGI
Asparagus officinalis
Asparagus verticillatus
 PUCCINIA ASTERIS
Aster cordifolius
Solidago canadensis
 PUCCINIA ASTERUM
Aster cordifolius
Carex muhlenbergii
Carex sp.
Erigeron philadelphicus
Solidago canadensis

PUCCINIA ATROPUNCTA
Xerophyllum asphodeloides
 PUCCINIA BARDANAЕ
Arctium minus
 PUCCINIA BOLLEYANA
Carex frankii
Sambucus canadensis
 PUCCINIA CANALICULATA
Cyperus rotundus
Cyperus strigosus
 PUCCINIA CARICIS
Ribes odoratum
 PUCCINIA CHRYSANTHEMI
Chrysanthemum sp.
 PUCCINIA CICUTAE
Cicuta maculata
 PUCCINIA CIRCAEAE
Circaea lutetiana
 PUCCINIA CLEMATIDIS
Tri ti cum aestivum
 PUCCINIA CNICI
Cirsium lanceolatum
 PUCCINIA COGNATA
Verbesina virginica
 PUCCINIA CONOCLINI
Eupatorium coelestinum
 PUCCINIA CONVOLVULI
Convolvulus sepium
 PUCCINIA CORONATA
Avena sativa
Berchemia scandens
Melica mutica
 PUCCINIA CYNODONTIS
Cynodon dactylon
 PUCCINIA CYPERI
Cyperus sp.
 PUCCINIA DICHONDRAE
Dichondra carolinensis
 PUCCINIA EATONIAE
Renunculus abortivus
Sphenopholis nitida
Sphenopholis obtusata
 PUCCINIA EATONIAE var.
 MYOSOTIDIS
Myosotis macrosperma
 PUCCINIA ELEOCHARIDIS
Eleocharis obtusa
Eupatorium rotundifolium
Eupatorium sp.

- PUCCINIA ELLISIANA
Andropogon furcatus
Andropogon scoparius
 PUCCINIA EMACIATA
Panicum capillare
 PUCCINIA EXTENSICOLA
Aster cordifolius
Carex muhlenbergii
Carex sp.
Oenothera biennis
Solidago canadensis
 PUCCINIA EXTENSICOLA var.
 ASTERIS
Carex sp.
Erigeron philadelphicus
 PUCCINIA EXTENSICOLA var. ERI-
 GERONTIS
Erigeron philadelphicus
 PUCCINIA EXTENSICOLA var.
 HIERACIATA
Lactuca canadensis
 PUCCINIA FRAXINATA
Fraxinus pennsylvanica
 PUCCINIA GONOLOBI
Vincetoxicum palustre
 PUCCINIA GRAMINIS
Agrostis alba
Anthoxanthum aristatum
Elymus canadensis
Hordeum jubatum
Triticum aestivum
 PUCCINIA GRAMINIS var. AVENAE
Avena sativa
 PUCCINIA HELIANTHI
Helianthus angustifolius
Helianthus annuus
Helianthus atrorubens
Helianthus divaricatus
Helianthus hirsutus
Helianthus mollis
 PUCCINIA HETEROSPORA
Althaea rosea
Sida spinosa
 PUCCINIA HIERACII
Pyrrhopappus carolinianus
Taraxacum officinale
 PUCCINIA HYDROCOTYLES
Hydrocotyle umbellata
 PUCCINIA IRIDIS
Iris sp.
- PUCCINIA JUSSIAEAE
Jussiaea decurrens
Ludwigia hirtella
 PUCCINIA KUHNIAE
Kuhnia eupatorioides
 PUCCINIA LATERIPES
Ruellia strepens
 PUCCINIA LEVIS
Paspalum urvillei
Paspalum sp.
 PUCCINIA LUDIBUNDA
Carex sp. (Sedge)
 PUCCINIA MACULOSA
Krigia virginica
 PUCCINIA MALVACEARUM
Althaea rosea
 PUCCINIA MAJANTHAE
Uvularia sessilifolia
 PUCCINIA MARIAE-WILSONI
Claytonia virginica
 PUCCINIA MELICAE
Melica mutica
 PUCCINIA MENTHAE
Koellia mutica
Koellia virginiana
Monarda fistulosa
 PUCCINIA MINUTA
Carex sp.
 PUCCINIA MUHLENBERGIAE
Muhlenbergia mexicana
 PUCCINIA OBLIQUA
Vincetoxicum palustre
 PUCCINIA OXALIDIS
Oxalis violacea
 PUCCINIA PANICI
Euphorbia marginata
 PUCCINIA PECKII
Oenothera biennis
 PUCCINIA PERIDERMIOSPORA
Fraxinus pennsylvanica
Spartina cynosuroides
Spartina michauxiana
 PUCCINIA PIMPINELLAE
Chaeophyllum procumbens
 PUCCINIA PODOPHYLLI
Podophyllum peltatum
 PUCCINIA POLYGONI-AMPHIBII
Polygonum acre
Polygonum cristatum
Polygonum pensylvanicum

(*Puccinia polygoni-amphibii*)
Polygonum persicaria
Polygonum scandens
Tovara virginiana
PUCCINIA PRUNI-SPINOSAE
Prunus angustifolia
Prunus cerasus
Prunus persica
Prunus simonii
Prunus spinosa
Prunus sp. (Cherry)
Prunus sp. (Plum)
PUCCINIA PUNCTATA
Galium aparine
Galium concinnum
PUCCINIA PURPUREA
Sorghum halepense
Sorghum vulgare
PUCCINIA PYRRHOPAPPI
Pyrrhopappus carolinianus
PUCCINIA RUBIGO-VERA
Impatiens biflora
Impatiens pallida
Secale cereale
PUCCINIA RUBIGO-VERA var. APO-CRYPTA
Myosotis macrosperma
PUCCINIA RUBIGO-VERA var. IM-PATIENTIS
Impatiens biflora
PUCCINIA RUBIGO-VERA var. SECALIS
Lolium multiflorum
PUCCINIA RUELLIAE
Ruellia strepens
PUCCINIA SCHEDONNARDI
Muhlenbergia mexicana
PUCCINIA SESSILIS
Uvularia sessilifolia
PUCCINIA SEYMOURIANA
Spartina cynosuroides
Spartina michauxiana
PUCCINIA SILPHII
Silphium integrifolium
Silphium perfoliatum
PUCCINIA STYLACIS
Smilax glauca
Smilax sp.

PUCCINIA SORCHI
Oxalis violacea
Zea mays
PUCCINIA SPECIAZZINII
Mikania scandens
PUCCINIA TARAKACI
Taraxacum officinale
PUCCINIA TENUIS
Eupatorium urticaefolium
PUCCINIA TRIPSACI
Tripsacum dactyloides
PUCCINIA TRITICINA
Triticum aestivum
PUCCINIA TUMIDIPES
Lycium halimifolium
PUCCINIA VERATRI
Veratrum viride
PUCCINIA VERBENICOLA
Sporobolus asper
PUCCINIA VERNONIAE
Vernonia fasciculata
PUCCINIA VEXANS
Bouteloua curtipendula
PUCCINIA VILFAE
Sporobolus asper
PUCCINIA VIOLAE
Viola blanda
Viola cucullata
Viola eriocarpa
Viola palmata
Viola sp.
PUCCINIA VIRGATA
Sorghastrum nutans
PUCCINIA WINDSORIAE
Tridens flavus
PUCCINIA XANTHII
Xanthium orientale
PUCCINIASTRUM AGRIMONIAE
Agrimonia eupatoria
Agrimonia parviflora
PUCCINIASTRUM HYDRANGEAE
Hydrangea arborescens
PUCCINIOLA POROSA
Vicia americana
PYRENOPEZIZA MEDICAGINIS
Medicago sativa

- PYTHIUM SP.
Phaseolus vulgaris
- RAMULARIA AREOLA
Cossypium herbaceum
Cossypium hirsutum
- RAMULARIA ARMORACIAE
Roripa armoracia
- RAMULARIA ANCUSTATA
Rhododendron viscosum
- RAMULARIA CELASTRI
Celastrus scandens
- RAMULARIA CIRCUMFUSA
Rumex obtusifolius
- RAMULARIA DESMODII
Desmodium canadense
- RAMULARIA LACTEA
Viola sp.
- RAMULARIA OCCIDENTALIS
Rumex crispus
- RAMULARIA PLANTAGINIS
Plantago major
- RAMULARIA RANUNCULI
Ranunculus septentrionalis
- RAMULARIA SAMBUCINA
Sambucus canadensis
- RAMULARIA SUBRUFIA
Smilax sp.
- RAMULARIA TARAXACI
Taraxacum officinale
- RAMULARIA VARIABILIS
Verbascum thapsus
- RAMULARIA SP.
Vigna sinensis
- RAVENELIA CASSIAECOLA
Chamaecrista multipinnata
- RAVENELIA EPIPHYLLA
Tephrosia virginiana
- RHIZOCTONIA MICROSCLEROTIA
Aleurites fordii
Ficus carica
Phaseolus vulgaris
Pueraria thunbergiana
Vigna sinensis
- RHIZOCTONIA SOLANI
Gossypium hirsutum
Phaseolus vulgaris
Zea mays
- RHIZOCTONIA SP.
Pisum sativum
- RHIZOPUS NIGRICANS
Ipomoea batatas
- RHYSOTHECA GERANII
Geranium carolinianum
- RHYSOTHECA OBDUCENS
Impatiens biflora
- RHYTisma ACERINUM
Acer rubrum
Acer saccharinum
- RHYTisma CURTISII
Ilex opaca
- RHYTisma DISCOLORANS
Lyonia ligustrina
- RHYTisma ILCIS-CANADENSIS
Ilex verticillata
- RHYTisma SALICINUM
Salix cordata
Salix nigra
- RHYTisma VACCINII
Vaccinium arboreum
Vaccinium tenellum
Vaccinium virgatum
Vaccinium sp.
- RHYTisma VELATUM
Ilex decidua
- ROSENSCHELDIA HELIOPSIDIS
Aster sp.
- SACCHAROMYCES SP.
Gladiolus sp.
- SCHIZOPHYLLUM COMMUNE
Ulmus americana
- SCLEROSPORA GRAMINICOLA
Setaria sp.
- SCLEROSPORA MACROSPORA
Avena sativa
- SCLEROTINIA CARUNCULOIDES
Morus rubra
- SCLEROTINIA FRUCTICOLA
Prunus persica
Prunus serotina

(*Sclerotinia fructicola*)

Prunus sp. (Plum)

SCLEROTINIA SCLEROTIORUM

Lactuca sativa

SCLEROTINIA TRIFOLIIFORME

Trifolium repens

SCLEROTINIA SP.

Rosa sp.

SCLEROTIUM BATATICOLA

Soja max

Vigna sinensis

SCLEROTIUM HOLFSII

Ambrosia trifida

Arachis hypogaea

Capsicum annum

Capsicum sp.

Cucumis melo

Cucumis sativus

Delphinium sp.

Ipomoea batatas

Iris sp.

Lycopersicon esculentum

Phaseolus lunatus

Phaseolus vulgaris

Saccharum officinarum

Soja max

Solanum melongena

Solanum tuberosum

Syringa vulgaris

Triticum aestivum

SCOLOCODOTHIS PINICOLA

Pinus taeda

SCOLOCOTRICHUM EUPHORBIAE

Euphorbia maculata

SCOLOCOTRICHUM GRAMINIS

Alopecurus geniculatus

Dactylis glomerata

SCOLOCOTRICHUM IRIDIS

Iris sp.

SEPTOBASIDIUM PATOULLARDI

Nyssa sylvatica

SEPTOBASIDIUM PEDICILLATUM

Crataegus mollis

Malus sylvestris

Quercus sp.

SEPTOBASIDIUM PSEUDOPEDICELLATUM

Citrus sp.

Malus sylvestris

Prunus persica

SEPTOBASIDIUM RETIFORME

Carya illinoensis

Chaenomeles lagenaria

Malus sylvestris

Prunus americana

Prunus sp. (Plum)

Pyrus communis

Pyrus sinensis

Quercus sp.

SEPTOCYLINDRIUM AREOLA

Gosypium hirsutum

SEPTORIA ANEMONES

Anemone caroliniana

Anemone virginiana

SEPTORIA BACILLIGERA

Ambrosia trifida

SEPTORIA BROMI

Elymus virginicus

Hystrix pataula

SEPTORIA BRUNELLAE

Prunella vulgaris

SEPTORIA BUMELIAE

Bumelia lycioides

SEPTORIA CACALIAE

Cacalia atriplicifolia

Cacalia tuberosa

SEPTORIA CAMPANULAE

Campanula americana

SEPTORIA CERASTII

Cerastium viscosum

Cerastium vulgatum

SEPTORIA CHRYSANTHEMELLA

Chrysanthemum sp.

SEPTORIA CIRSI

Cirsium arvense

SEPTORIA CONSPICUA

Steironema ciliatum

SEPTORIA CORNICO

Cornus amomum

Cornus sp.

SEPTORIA DIANTHI

Dianthus sp.

- SEPTORIA DIERVILLAE
Diervilla sp.
 SEPTORIA DIVARICATAE
Phlox sp.
 SEPTORIA ERIGERONTIS
Erigeron annuus
 SEPTORIA EUPATORII
Eupatorium perfoliatum
 SEPTORIA FLAGELLARIS
Convolvulus sepium
 SEPTORIA GLADIOLI
Gladiolus sp.
 SEPTORIA GLUMARUM
Triticum aestivum
 SEPTORIA GLYCINES
Soja max
 SEPTORIA HELIANTHI
Helianthus annuus
 SEPTORIA HYDRANGEAE
Hydrangea arborescens
Hydrangea sp.
 SEPTORIA HYDROCOTYLES
Hydrocotyle sp.
 SEPTORIA KALMIAECOLA
Kalmia latifolia
 SEPTORIA IACTUCICOLA
Lactuca canadensis
 SEPTORIA LEPIDIICOLA
Lepidium virginicum
 SEPTORIA LEPTOSTACHYAE
Phryma leptostachya
 SEPTORIA LITTOREA
Apocynum cannabinum
 SEPTORIA LUDWICIAE
Ludwigia alternifolia
 SEPTORIA LYCOPERSICI
Lycopersicon esculentum
 SEPTORIA MIMULI
Mimulus alatus
 SEPTORIA NABALI
Prenanthes alba
 SEPTORIA NARCISSI
Narcissus sp.
 SEPTORIA NEGLECTA
Quercus sp.
 SEPTORIA NODORUM
Triticum aestivum
 SEPTORIA OENOTHERAE
Oenothera biennis
Oenothera laciniiata
- SEPTORIA PENTASTEMONIS
Penstemon australis
Penstemon digitalis
 SEPTORIA PIRICOLA
Pyrus communis
Pyrus sinensis
 SEPTORIA PISI
Pisum sativum
 SEPTORIA PODOPHYLLINA
Podophyllum peltatum
 SEPTORIA POLYGONORUM
Polygonum hydropiper
Polygonum pensylvanicum
Polygonum persicaria
Polygonum sp.
 SEPTORIA RHOINA
Rhus typhina
 SEPTORIA RIRIS
Ribes vulgare
 SEPTORIA RIPARIA
Carex sp.
 SEPTORIA RUBI
Rubus procumbens
Rubus trivialis
 SEPTORIA RULBECKIALAF
Rudbeckia triloba
 SEPTORIA SACCHARINA
Acer saccharum
 SEPTORIA SCROPHULARIAE
Scrophularia marilandica
 SEPTORIA SCUTELLARIAE
Scutellaria versicola
 SEPTORIA SMILACINAE
Smilacina racemosa
 SEPTORIA SPECULARIAE
Specularia perfoliata
 SEPTORIA STACHYDIS
Stachys palustris
 SEPTORIA SYMPLOCI
Symplocos tinctoria
 SEPTORIA TRILLII
Trillium recurvatum
Trillium sp.
 SEPTORIA TRITICI
Triticum aestivum
 SEPTORIA VALERIANELLAE
Valerianella radiata
 SEPTORIA VERBASCICOLA
Verbascum blattaria var. albi-
florum

SEPTORIA VERBENAE

Verbena hastataVerbena stricta

SEPTORIA VIOLAE

Viola sp.

SEPTORIA SP.

Ipomoea batatas

SOROSPORIUM CONSANGUINEUM

Andropogon glomeratus

SOROSPORIUM ELLISII

Andropogon scoparius

SOROSPORIUM EVERHARTII

Andropogon scoparius

SOROSPORIUM SYNTHERISMAE

Panicum proliferumPanicum sp.

SPHAELOMA AMPELINUM

Vitis sp.

SPHAELOMA FAWCETTII

Citrus nobilis var. unshiu

SPHAELOMA VIOLAE

Viola sp.

SPHAELOMA SP.

Magnolia grandiflora

SPHAELOTHECA HYDROPIPERIS

Polygonum hydropiper

SPHAELOTHECA ISCHAEMI

Andropogon scoparius

SPHAELOTHECA SORGHI

Sorghum saccharatumSorghum vulgare

SPHAERELLA ANNULATA

Magnolia virginiana

SPHAERELLA EARLIANA

Fragaria sp.

SPHAERELLA GLAUCA

Magnolia virginiana

SPHAERONEMA FIMBRIATUM

Ipomoea batatas

SPHAEROPSIS MALORUM

Malus sylvestris

SPHAEROTHECA CASTAGNEI

Prunella vulgaris

SPHAEROTHECA HUMULI

Bidens frondosaRosa sp.

SPHAEROTHECA PANNOSA

Rosa sp.

SPOROTICHUM CITRI

Citrus aurantiumCitrus grandis

STEMONITIS FUSCA

Ipomoea batatas

STEREUM ALBOPADIUM

Fortunella sp.

STEREUM FUSCUM

Liquidambar styraciflua

STEREUM LOBATUM

Nyssa sylvatica

STEREUM OCHRACEOFLAVUM

Alnus sp.

STEREUM RAMEALE

Liquidambar styraciflua

STICTIS ARUNDINACEAE

Andropogon sp.

STICTIS HILICOTRICA

Arundinaria tecta

STILBOSPORA PINICOLA

Pinus palustris

SYNCHYTRIUM AUREUM

Valerianella radiata

SYNCHYTRIUM DECIPiens

Amphicarpa bracteataAmphicarpa pitcheriDesmodium canescens

SYNCHYTRIUM FULGENS

Oenothera laciata

SYNCHYTRIUM PLURIANNULATUM

Sanicula canadensisSanicula marilandica

SYNCHYTRIUM STELLARIAE

Stellaria media

SYNCHYTRIUM VACCINII

Vaccinium corymbosum

SYSTREMMMA ACICOLA

Pinus taeda

TAPHRINA ALNI-INCANAE

Alnus incana

TAPHRINA CERASI

Acer platanoides

TAPHRINA COERULESCENS

Quercus marilandicaQuercus nigraQuercus sp.

TAPHRINA DEFORMANS

Prunus persicaPrunus serotina

TAPHRINA MIRABILIS

Prunus americanaPrunus angustifolia

TAPHRINA POTENTILLAE

Potentilla canadensis

TAPHRINA PRUNI

Prunus americanaPrunus sp.

TAPHRINA PURPURASCENS

Rhus copallina

TAPHRINA SP.

Prunus sp.Quercus sp. (Turkey Oak)

THELEPHORA RETIFORMIS

Carya sp.

THIELAVIOPSIS BASICOLA

Gossypium hirsutum

TILLETTIA CORONA

Digitaria sanguinalisLeersia lenticularisLeersia oryzoides

TILLETTIA LEVIS

Triticum aestivum

TILLETTIA PULCHERRIMA

Digitaria sanguinalis

TILLETTIA TRITICI

Triticum aestivum

TITAEOSPORA ANDROPOGONIS

Sorghum vulgare

TRABUTIA QUERCINA

Quercus laurifoliaQuercus myrtifoliaQuercus nigraQuercus virginiana

TRANZSCHELIA PRUNI-SPINOSAE

Prunus americanaPrunus cerasusPrunus persicaPrunus sp. (Apricot)Prunus sp. (Plum)

TRANZSCHELIA PUNCTATA

Prunus persica

TRICHODOTHIS COMATA

Magnolia grandifloraMagnolia virginiana

TRIMMATOSTROMA AMERICANUM

Salix sp.

TRYBLIDIUM INSCULPTUM

Carya sp.

TUBERCULARIA FICI

Ficus carica

UNCINULA AUSTRALIANA

Lagerstroemia indica

UNCINULA CIRCINATA

Acer rubrum

UNCINULA CLINTONII

Tilia americana

UNCINULA FLEXUOSA

Aesculus glabra

UNCINULA MACROSPORA

Ulmus alataUlmus americana

UNCINULA NECATOR

Parthenocissus quinquefoliaVitis cordifolia

UNCINULA PARVULA

Celtis occidentalis

UNCINULA POLYCHAETE

Celtis mississippiensis

UNCINULA SALICIS

Populus tremuloidesSalix sp. (Willow)

UREDINOPSIS MACROSPERMA
Pteridium aquilinum
 UREDO BIGELOWII
Salix nigra
 UREDO MEDUSAE
Populus deltoides
 UREDO PTERIDIS
Pteris sp.
 UROCYSTIS AGROPYRI
Elymus canadensis
 UROMYCES AFFINIS
Hypoxis hirsuta
 UROMYCES ANDROPOGONIS
Andropogon virginicus
 UROMYCES APPENDICULATUS
Phaseolus vulgaris
 UROMYCES ASCLEPIADIS
Asclepias syriaca
 UROMYCES CALADI
Arisaema dracontium
 UROMYCES CARYOPHYLLINUS
Dianthus sp.
 UROMYCES COLORADENSIS
Vicia americana
 UROMYCES ELEGANS
Trifolium carolinianum
 UROMYCES ERAGROSTIDIS
Agrostis sp.
 UROMYCES FALLENS
Trifolium pratense
 UROMYCES GRAMINICOLA
Croton monanthogynus
Panicum virgatum
Sebastiania ligustrina
 UROMYCES HALSTEDII
Leersia virginica
 UROMYCES HEDYSARI-PANICULATI
Desmodium canadense
Desmodium longifolium
Desmodium marilandicum
Desmodium paniculatum
Desmodium rigidum
Desmodium sp.
 UROMYCES HORDEI
Hordeum pusillum

UROMYCES HORDEINUS
Hordeum nodosum
 UROMYCES HOWEI
Asclepias syriaca
 UROMYCES HYPERICAE
Ascyrum hypericoides
Hypericum prolificum
 UROMYCES LESPEDEZAE-PROCUMBENTIS
Lespedeza capitata
Lespedeza hirta
Lespedeza intermedia
Lespedeza violacea
 UROMYCES MINUTUS
Carex complanata
 UROMYCES PECKIANUS
Houstonia coerulea
Houstonia purpurea
 UROMYCES PERICYNIUS
Rudbeckia laciniata
 UROMYCES PHASEOLI
Strophostyles helvola
Strophostyles pauciflora
 UROMYCES PHASEOLI var. TYPICA
Phaseolus lunatus
Phaseolus vulgaris
Phaseolus sp. (Snap Bean)
Strophostyles helvola
 UROMYCES PHASEOLI var. VIGNAE
Vigna sinensis
 UROMYCES PLUMBARIUS
Gaura angustifolia
Gaura coccinea
Oenothera laciniata
 UROMYCES POLYGONI
Polygonum erectum
Polygonum sp. (Knotweed)
 UROMYCES PROEMINENS
Euphorbia heterophylla
Euphorbia humistrata
Euphorbia serpyllifolia
Euphorbia sp.
 UROMYCES PYRIFORMIS
Acorus calamus
 UROMYCES RHYNCHOSPORAE
Rynchospora fascicularis
Rynchospora glomerata
 UROMYCES RUDBECKIAE
Rudbeckia laciniata

- UROMYCES SOLIDA INIS
Solidago sp.
- UROMYCES SPERMACCES
Piodia teres
- UROMYCES STRIATUS
Medicago sativa
- UROMYCES TRIFOLII
Trifolium pratense
Trifolium sp.
- UROPHLYCTIS ALFALFAE
Medicago sativa
- UROPYXIS ANORPHAE
Amorpha fruticosa
- USTILAGO ANOMALA
Polygonum ciliinode
- USTILAGO AVENAE
Avena sativa
- USTILAGO CYNODONTIS
Cynodon dactylon
- USTILAGO FIMBRISTYLIS
Fimbristylis autumnalis
- USTILAGO HORDEI
Hordeum vulgare
- USTILAGO LNVIS
Avena sativa
- USTILAGO LONGISSIMA var.
MACROSPORA
Glyceria fluitans
- USTILAGO NEGLECTA
Setaria glauca
- USTILAGO NUDA
Hordeum vulgare
- USTILAGO ORNATA
Leptochloa filiformis
- USTILAGO OXALIDIS
Oxalis stricta
- USTILAGO PERENNANS
Arrhenatherum elatius
- USTILAGO RABENHORSTIANA
Digitaria sanguinalis
- USTILAGO SEGETUM
Arrhenatherum elatius
Avena sativa
- USTILAGO SHIRAIANA
Phyllostachys sp.
- USTILAGO SPARSA
Dactyloctenium aegyptium
- USTILAGO STRIAEFORMIS
Phleum pratense
- USTILAGO TRITICI
Triticum aestivum
- USTILAGO UNIOLAE
Uniola lexa
- USTILAGO UTRICULOSA
Polygonum acre
Polygonum hydropiperoides
Polygonum lapathifolium
Polygonum pensylvanicum
- USTILAGO ZEAE
Zea mays
- VALSA AMBIENS
Ostrya virginiana
- VALSA DEUSTA
Carya sp.
- VALSA LEUCOSTOMA
Prunus persica
- VALSA LUTESCENS
Quercus velutina
- VENTURIA INAEQUALIS
Malus sylvestris
- VERMICULARIA AFFINIS
Echinochloa crus-galli
- VERMICULARIA PHLOGINA
Phlox sp.
- VERMICULARIA TRICHELLA
Hedera helix
- VERTICILLIUM ALBO-ATRUM
Gossypium hirsutum
- VERTICILLIUM BUXI
Buxus sempervirens
- VOLUTELLA CARICICOLA
Carex cherokeensis
- XANTHOMONAS MALVACEARUM
Gossypium hirsutum
- XANTHOMONAS PHASEOLI
Phaseolus vulgaris
- XANTHOMONAS PHASEOLI var. SOJENSE
Soja max
- XANTHOMONAS PRUNI
Prunus laurocerasus
Prunus persica
Prunus sp. (Plum)

XYLARIA HYPOXYLONQuercus sp.ZYTHIA AURANTIACACornus alternifoliaVIRUS DISEASESASTER YELLOWSErigeron philadelphicus

MOSAIC

Ipomoea batatasIris sp.Phaseolus vulgarisSaccharum officinarumSoja maxVigna sinensis

RUCOSE MOSAIC

Solanum tuberosum

INDEX TO COMMON NAME OF HOST

- Abelia, 56
 Agrimony, Common, 57
 ---, Many-flowered, 57
 Alder, Hazel, 58
 ---, Speckled, 58
 Alfalfa, 94
 Althaea, 58
 Althea, Shrub, 84
 Amaranth, Green, 58
 Amorpha, Indigobush, 59
 Andromeda, Privet, 92
 Anemone, Carolina, 59
 ---, Tall, 59
 Anisetree, Florida, 86
 Apple, 93
 Apricot, 106
 Arborvitae, Oriental, 122
 Arrowhead, Broadleaved, 114
 Arrowwood, Mapleleaf, 126
 Ash, Prickly, 130
 ---, Red, 80
 ---, White, 80
 Asparagus, 61
 ---, Garden, 61
 ---, Sprenger, 61
 Aspen, American, 104
 Aster, 61
 ---, Arrowleaved, 62
 ---, Common Blue Wood, 61
 Aucuba, Japanese, 62
 Avens, White, 81
 Azalea, 111
 ---, Indica, 111
 ---, Swamp, 111
 Bamboo, 101
 Barley, 84
 ---, Foxtail, 84
 ---, Little, 84
 ---, Meadow, 84
 Barnyardgrass, 76
 Basswood, 122
 Bay, Swamp, 99
 Bayonet, Spanish, 130
 Bean, 99
 ---, Lima, 99
 ---, Snap, 100
 Beardgrass, 77
 Beardtongue, 99
 ---, Foxglove, 99
 ---, Funnel-form, 99
 Beauty, Spring, 71
 Beautyberry, American, 65
 Bedstraw, Catchweed, 81
 ---, Shining, 81
 Beech, American, 79
 ---, European, 79
 Beet, 62
 Beggarticks, 63
 Begonia, 62
 Bellflower, Tali, 65
 Bellwort, Sessile-leaved, 125
 Bergamot, Wild, 95
 Bindweed, Blackfringe, 103
 ---, Corn, 122
 ---, Hedge, 71
 Birch, 63
 ---, Sweet, 63
 Bittersweet, Climbing, 68

- Blackberry, 113
 ---, Low Bush, 113
 ---, Mountain, 112
 Blackthorn, 106
 Bladderfern, Brittle, 74
 Blueberry, 125
 ---, Highbush, 125
 ---, Small Black, 125
 Bluegrass, Kentucky, 105
 Bluestem, Big, 59
 ---, Bushy, 59
 ---, Little, 59
 Bluets, 84
 Blueweed, 76
 Boneset, False, 89
 Bower, Virgin's, 71
 Box, 64
 Boxelder, 56
 Boysenberry, 113
 Bracken, 107
 Brome, Chess, 64
 Broomcorn, 119
 Broomsedge, 59
 Buckeye, Ohio, 56
 ---, Red, 56
 Buckthorn, Southern, 64
 Buckwheat, Climbing False, 104
 ---, Crested False, 103
 Bulrush, Woolgrass, 116
 Burdock, Common, 60
 Bur-cucumber, Oneseeded, 116
 Burningbush, 78
 ---, Evergreen, 78
 Bushhoneysuckle, 76
 Bush, Sebastian, 116
 Buttercup, Littleleaf, 110
 ---, Swamp, 110
 Butternut, 87
 Button Bush, 68
 Buttonwood, Rough, 76

 Cabbage, 63
 Cactus, 64
 Caladium, 64
 Calla, Common, 130
 Camellia, Common, 65
 Camphor-tree, 69
 Cane, 61
 ---, Small, 61
 Cantaloup, 73

 Carnation, 75
 Carpetgrass, 62
 Carrot, 74
 Catalpa, Northern, 67
 ---, Southern, 67
 Cattail, Common, 124
 Ceanothus, New Jersey Tea, 67
 Cedar, Bermuda Red, 88
 ---, Eastern Red, 88
 Celery, 60
 Centuryplant, 56
 Cherry, 106
 ---, Black, 106
 ---, Wild, 107
 ---, Sour, 105
 Chervil, Spreading, 68
 Chestnut, American, 67
 Chickweed, 120
 ---, Large Mouse-ear, 68
 ---, Mouse-ear, 68
 China-aster, Common, 65
 Chinaberry, 94
 Chloris, Swartz's, 69
 Chokecherry, 105
 Chrysanthemum, 69
 Cinnamon-fern, 97
 Cinquefoil, Common, 104
 ---, Rough, 104
 Clover, Buffalo, 123
 ---, Bur, 94
 ---, Carolina, 122
 ---, Crimson, 123
 ---, Hop, 122
 ---, Low Hop, 123
 ---, Red, 123
 ---, White, Dutch, or Honey-suckle, 123
 Cocklebur, 129
 ---, Oriental, 129
 Cockscomb, 68
 Cohosh, Blue, 67
 Comandra, Common, 71
 Coneflower, Tall, 114
 ---, Thinleaved, 114
 Coralberry, 121
 Coreopsis, 71
 Corn, 130
 Corncockle, 57
 Cornsalad, Beaked, 125
 Cotoneaster, 71

- Cotton, Levant, 82
 ---, Upland, 82
 Cottonwood, 104
 Cowpea, Common, 127
 Crabapple, 72
 ---, Flowering, 94
 ---, Siberian, 93
 ---, Western, 93
 Crabgrass, Hairy, 76
 Cranberry, High Bush, 126
 Cranberrybush, European, 126
 Crapemyrtle, Common, 89
 Creeper, Japanese, 98
 ---, Virginia, 98
 Crossvine, 63
 Crotalaria, 72
 ---, Showy, 72
 Croton, Single-fruited, 72
 ---, Wooly, 72
 Crownbeard, Small White, 126
 Cucumber, 73
 Cudweed, Purplish, 82
 Cup-plant, 117
 Currant, American Red, 111
 ---, Clove, 111
 ---, Red Garden, 112
 Cut-grass, Rice, 90
 Cyclamen, 73
 Cypressvine, 108
- Dahlia, 74
 Dandelion, Common, 121
 ---, Leafystem False, 107
 Deadnettle, Henbit, 89
 Deerberry, Common, 125
 Deutzia, 75
 Devilwood, 97
 Dewberry, 113
 ---, Southern, 113
 Dichondra, 76
 Dock, Bitter, 114
 ---, Curly, 114
 Dogbane, Hemp, 60
 Dogwood, 71
 ---, Pagoda, 71
 ---, Swamp, 71
 Dropseed, Tall, 120
 Dwarf-dandelion, 89
 ---, Carolina, 89
- Eaton's-grass, Slender, 120
 Eggplant, 118
 Elder, American, 115
 ---, European, 115
 Elephant's Foot, Carolina, 77
 ---, Smoothish, 77
 Elm, American, 124
 ---, Cedar, 124
 ---, Slippery, 124
 ---, Winged, 124
 Eupatorium, Mistflower, 78
 Euphorbia, Flowering Spurge, 78
 ---, Painted, 78
 ---, Snow-on-the-Mountain, 79
 ---, Spotted, 79
 Evening-primrose, Common, 96
 ---, Cutleaf, 96
- Farkleberry, 125
 Fern, 107
 Fig, 79
 ---, Indiarubber, 79
 Figwort, Maryland, 116
 Flatsedge, Nut Grass, 74
 ---, Straw-colored, 74
 Fleabane, Philadelphia, 77
 Fogfruit, 91
 Forsythia, 80
 Foxglove, Smooth False, 74
 Foxtail, Shortawn, 58
 ---, Water, 58
- Galax, 81
 Gamagrass, Eastern, 123
 Gardenia, 81
 Garlic, Meadow, 57
 Gaura, Narrowleaf, 81
 ---, Scarlet, 81
 Geranium, 99
 ---, Carolina, 81
 Germanander, American, 122
 Ginkgo, 81
 Gladiolus, 81
 Goldenrod, Canada, 118
 ---, Pine Barren, 118
 Goldstargrass, Common, 85
 Goosefoot, Lambsquarters, 69
 Grape, Frost, 128
 ---, Muscadine, 128

- Grape, Northern Fox, 128
 - , Summer, 128
- Grapefruit, 70
- Grass, 57, 59, 77, 95, 98
 - , Bermuda, 73
 - , Bottlebrush, 85
 - , Catch-fly, 89
 - , Crowfoot, 74
 - , Dallis, 98
 - , Johnson, 119
 - , Small Seabeach, 97
 - , Spring Scorpion, 95
 - , Switch, 98
 - , Vasey, 98
 - , White, 90
- Greenbrier, Bristly, 117
 - , Glaucous-leaved, 117
 - , Laurel-leaved, 117
- Groundcherry, Prairie, 101
 - , Virginia, 101
- Gum, Sour, 96

- Hackberry, Common, 68
 - , Southern, 68
- Haw, Parsley, 72
 - , Red, 71
 - , Small-fruited Thorn, 72
- Hawthorn, 72
 - , Downy, 72
- Hellebore, American White, 125
- Hempweed, Climbing, 95
- Hickory, Bitternut, 66
 - , Mockernut, 66
- Hogpeanut, Pitchers, 59
 - , Southern, 59
- Holly, American, 85
- Hollyhock, 58
- Honeylocust, 81
- Honeysuckle, Japanese, 91
- Hornbean, American, 66
- Horseradish, 112
- Houstonia, Large, 84
- Huckleberry, Southern Black, 125
- Hydrangea, 85
 - , Smooth, 84

- Indiangrass, Yellow, 119
- Inkberry, Shining, 85
- Iris, 87
 - , Blueflag, 87

- Ironweed, Baldwin, 126
 - , Tall, 126
 - , Western, 126
- Ironwood, 97
- Ivy, English, 83

- Jack-in-the-Pulpit, Dragon-root, 60
- Jimsonweed, 74
- Juneberry, 59
- Juniper, Ffitzer's, 88
 - , Pyramid Chinese, 88

- Kerria, Japandse, 88
- Knotweed, 104
 - , Erect, 103
 - , Virginia, 122
- Kudzu, 107
- Kumquat, 80
 - , Hongkong, 80
- Kyllinga, Low, 89

- Ladysthumb, Curltop, 103
 - , Spotted, 103
- Larkspur, 75
- Laurelcherry, Common, 105
- Leatherwood, Southern, 74
- Lespedeza, Common, 90
 - , Creeping, 90
 - , Hairy, 90
 - , Roundheaded, 90
 - , Violet, 90
 - , Wand, 90
- Lettuce, Canada, 89
 - , Garden, 89
- Leucothoë, Downy, 90
- Lilac, 121
 - , Common, 121
 - , Persian, 121
- Linden, American, 122
- Lizardstail, Common, 116
- Locust, Black, 112
- Loosestrife, Fringed, 120
- Lopseed, American, 101
- Ludwigia, Hairy, 92

- Magnolia, Laurel, 93
 - , Southern, 92
- Mahonia, 92
- Maidencane, 98

- Mallow, Running, 94
 Mannagrass, Nerved, 97
 ---, Water, 82
 Maple, 56
 ---, Norway, 56
 ---, Red, 56
 ---, Silver, 56
 ---, Sugar, 56
 Marshgrass, Tall, 120
 Matrimony-vine, 92
 Mayapple, Common, 103
 Mayhaw, 72
 Meadowbeauty, Maryland, 111
 Meadowrue, Early, 122
 Medic, Spotted, 94
 ---, Toothed, 94
 Melicgrass, Narrow, 94
 Mexican-Tea, 69
 Mignonette, Common, 110
 Milkweed, Common, 61
 ---, Swamp, 61
 ---, Winding, 127
 Milkwort, Yellow, 103
 Millet, Foxtail, 116
 Monkeyflower, Sharpwinged, 95
 Moonseed, Canada, 94
 Morning-glory, 87
 ---, Bearded, 86
 ---, Common, 87
 ---, Fingerleaf, 87
 ---, Ivyleaf, 87
 ---, White, 87
 Mountain-laurel, 88
 Mountain-mint, Short-toothed, 88
 ---, Virginia, 89
 Muhly, Wirestem, 95
 Mulberry, Red, 95
 Mellein, Great, 125
 ---, White Moth, 125
 Muskmelon, 73
 Mustard, Black, 63
 Narcissus, 96
 Nasturtium, Common, 124
 Nettle, Hedge, 120
 Nightshade, Enchanter's, 69
 Nimblewill, 95
 Nutrush, Tall, 116
 Oak, Black, 109
 ---, Blackjack, 109
 ---, Bluejack, 108
 ---, Bur, 109
 ---, Dwarf Chestnut, 109
 ---, Laurel, 109
 ---, Live, 109
 ---, Myrtle, 109
 ---, Post, 109
 ---, Red, 109
 ---, Rock Chestnut, 109
 ---, Scarlet, 108
 ---, Spanish, 108
 ---, Turkey, 109
 ---, Water, 109
 ---, White, 108
 ---, Yellow, 109
 Oat, Common, 62
 Oatgrass, Tall, 60
 Okra, 84
 Oleander, Common, 96
 Olive, American, 97
 Onion, 57
 Orange, King, 70
 ---, Osage, 92
 ---, Satsuma, 70
 ---, Scur, 70
 ---, Sweet, 70
 ---, Trifoliate, 104
 Orchardgrass, 74
 Osmanthus, Sweet, 97
 Palm, Canary Date, 100
 ---, Date, 101
 ---, Fern, 73
 Palmetto, Cabbage, 114
 ---, Dwarf, 114
 Panic-grass, Beaked or Flat-stemmed, 98
 ---, Forked, 98
 ---, Sprouting, 98
 Parsnip, Water, 117
 Pawpaw, Common, 61
 Pea, 102
 ---, Austrian Winter, 102
 ---, Garden, 102
 ---, Manyleaved Sensitive, 68
 Peach, 105
 Peanut, 60

- Pear, Common, 107
- , Sand, 108
- Pecan, 66
- Pencilflower, 121
- Pennywort, Marsh, 85
- , Umbellate Marsh, 85
- Peony, 97
- Pepper, 65
- Pepperweed, Virginia, 90
- Persimmon, Common, 76
- , Japanese, 76
- Phlox, 100
- Pigeongrass, 116
- Pine, 101
- . Loblolly, 101
- , Longleaf, 101
- , Scrub, 101
- , Slash, 101
- , Yellow or Shortleaf, 101
- Pittosporum, 102
- Plantain, Indian, 64
- , Pale, Indian, 64, 95
- , Rippleseed, 102
- Plum, 106
- , American, 105
- , Apricot, 106
- , Chickasaw, 105
- , Green Gage, 106
- , Japanese, 107
- , Sand Chickasaw, 105
- Poison-Ivy, 111
- Pomegranate, 107
- Poplar, Black, 104
- , Eastern, 104
- Possumhaw, 85
- Potato, 118
- Potato Vine, Wild, 87
- Pricklypear, 96
- Primrose, Water, 88
- Privet, California, 91
- , India, 90
- , Japanese, 90
- Pummelo, 70
- Pumpkin, 73
- Purslane, Common, 104
- Pussywillow, 115
- Quince, Common, 73
- , Common Flowering, 68
- , Flowering, 73
- Radish, 110
- Ragweed, Common, 58
- , Giant, 58
- Raspberry, 113
- , Black, 113
- , Wild Red, 112
- Rattan-Vine, 62
- Rattlesnake-root, White, 104
- Redbay, 99
- Redbud, 68
- Redroot, 58
- Red Top, 57
- , Tall, 122
- Reedgrass, Salt, 119
- Rhubarb, Garden, 110
- Rhynchosia, Erect, 111
- Rockcress, 60
- Rose, 112
- , Virginia, 112
- , Wild, 112
- Rose-of-Sharon, 84
- Rosinweed, 117
- , Entire-leaved, 117
- Rubberplant, 79
- Ruellia, Limestone, 114
- Rush, Clustered Beaked, 114
- , Fasciculate Beaked, 114
- , Sharpfruited, 88
- Rye, 116
- Ryegrass, 91
- Saltgrass, Seashore, 76
- Sandreed, Prairie, 64
- Sassafras, Common, 115
- Scabious, Sweet, 77
- Sedge, 66
- , Cherokee, 66
- , Frank's, 66
- , Hirsute, 66
- , Muhlenberg's, 66
- Seedbox, 91
- Selfheal, Common, 104
- Senna, American, 67
- , Coffee, 67
- , Low, 67
- Shepherds-Purse, 64
- Sida, 117
- , Prickly, 117
- Sideoats Grama, 63
- Silverberry, 77

- Silverberry, 77
 Skullcap, Downy, 116
 ---, Heartleaved, 116
 Smartweed, 103
 ---, Marshpepper, 103
 ---, Pennsylvania, 103
 ---, Swamp, 103
 Smutgrass, 120
 Snake-head, 69
 Snakeroot, Black, 115
 ---, Shortstyled, 115
 ---, White, 78
 Snapdragon, 60
 Snowball, American, 121
 Snowberry, 121
 Soapweed, Small, 130
 Solomonplume, Feather, 117
 ---, Starry, 117
 Sorgho, 119
 Sorghum, 119
 Soybean, 117
 Speedwell, Purslane, 126
 Spikegrass, Slender, 125
 Spikerush, Slender Umbellied, 79
 Spikesedge, Blunt, 77
 Spinach, 120
 Spirea, 120
 Sprangletop, Red, 90
 Spurge, Hairy Spreading, 78
 ---, Thymeleaf, 79
 St. Andrew's Cross, 61
 St. Johnswort, Dwarf, 85
 ---, Shrubby, 85
 St. Peter's Wort, Atlantic, 61
 Stargrass, 57
 Strawberry, Indian, 76
 ---, Virginia, 80
 Sugarcane, 114
 Sumac, Dwarf Black, 111
 ---, Smooth, 111
 ---, Staghorn, 111
 Sunflower, 84
 ---, Ashy, 83
 ---, Common, 83
 ---, Giant, 83
 ---, Hairy Wood, 83
 ---, Jerusalem Artichoke, 83
 ---, Stiffhaired, 83
 ---, Swamp, 83
 ---, Woodland, 83
 Sweetbay, 99
 Sweetflag, 56
 Sweetgum, American, 91
 Sweetleaf, 121
 Sweetpea, 89
 Sweetpotato, 86
 Sweet-william, 75
 Sycamore, 102
 Tangerine, 70
 Tephrosia, Virginia, 122
 Thistle, Canada, 69
 ---, Common Bur, 69
 Thorn, Cockspur, 72
 ---, Emerson's, 72
 ---, Small-fruited, or Haw, 72
 Thoroughwort, Common, 78
 ---, Roundleaf, 78
 Threeawn, Arrowfeather, 60
 Tickclover, Canada, 75
 ---, Maryland, 75
 ---, Paniced, 75
 ---, Rigid, 75
 Ticktrefoil, Hoary, 75
 Timothy, 100
 Tobacco, 6
 Tobaccoweed, 77
 Tomato, Common, 92
 Touch-Me-Not, Pale, 86
 ---, Spotted, 86
 Tree of Heaven, 57
 Trillium, 123
 ---, Prairie, 123
 Trumpetcreeper, Common, 65
 Tulip Tree, 91
 Tung-oil Tree, 57
 Turkey-beard, 129
 Turnip, 63
 Uniola, Broadleaf, 125
 Velvetbean, Deering, 121
 Venus' Looking-glass, Clasping,
 120
 Verbena, 126
 ---, Wooly, 126
 Vernalgrass, Annual, 60
 Verbain, Blue, 126
 Vetch, Common, 127
 ---, Hairy, 127

- Vetch, Purple, 127
- , Smaller Common, 127
- Viburnum, 126
- Violet, Early Blue, 128
- , English or Sweet, 128
- , Marsh Blue, 128
- , Smoothish Yellow, 128
- , Sweet White, 128

- Walnut, 88
- , Eastern Black, 88
- Waterhemlock, Spotted, 69
- Waterlily, 96
- Watermelon, 69
- Waxberry, 121
- , Small, 95
- Waxmyrtle, Southern, 96
- Wedgescale, Prairie, 120
- Weigela, 129
- Wheat, 123
- Wildbean, Small, 121
- , Trailing, 121

- Wild-rye, Canada, 77
- , Virginia, 77
- Willow, 115
- , Black, 115
- , Heartleaved, 115
- , Sandbar, 115
- Winterberry, 86
- Wistaria, 129
- Witchgrass, Common, 98
- Witchhazel, Common, 83
- With-rod, 126
- Wood sorrel, Upright Yellow, 97
- , Violet, 97

- Yellow-eyed-grass, Tall, 129
- Youngberry, 113
- Yucca, Adamsneedle, 129
- , Aloe, 129
- , Moundlily, 130

- Zinnia, Common, 130

DEPARTMENT OF PLANT PATHOLOGY
AGRICULTURAL EXPERIMENT STATION
STATE COLLEGE, MISSISSIPPI